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1883 - 55TH ANNUAL CATALOG - 1938

# OSCAR H. WILL & CO.

BISMARCK, NORTH DAKOTA

SEEDS ♦ TREES ♦ PLANTS ♦ SEEDS ♦ TREES ♦ PLANTS



MANDAN PRIEST SINGING SACRED DEW SONG IN THE CORN FIELD

— clm G. Gannon '37

SEED CORN SPECIALISTS

PIONEER SEED HOUSE  
NURSERY & GREENHOUSES  
OF THE NORTHWEST



SEEDS ♦ TREES ♦ PLANTS ♦ SEEDS ♦ TREES ♦ PLANTS ♦





**IMPROVED GREAT NORTHERN  
BEAN—IDAHO NO. 56**

Earlier and Heavier Yielding Pkt. 5c;  
1/4 lb. 13c; lb. 35c See Page 14

**ADA BLACK JACK**

Hardest Perennial Phlox—  
Just imported from Canada.  
Postpaid, each 40c; 6 for \$2.25  
See page 68

**EXTRA EARLY SIBERIAN  
CUCUMBER—EARLIEST AND  
HARDIEST—See Page 24**

Pkt. 10c; Oz. 35c

**CORNELL EARLY ODORLESS  
SAVOY CABBAGE**

Pkt. 15c; Oz. 50c  
See Page 19

**ALLRED TOMATO  
PROFESSOR A. F. YEAGER'S  
NEWEST**

Pkt. 20c—See Page 42



# OUTSTANDING ITEMS FOR 1938



## BANQUET SQUASH

Our new Golden Buttercup. Delicious as Buttercup. Hardier, earlier and more prolific. Postpaid, pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 95c; lb., \$1.75.



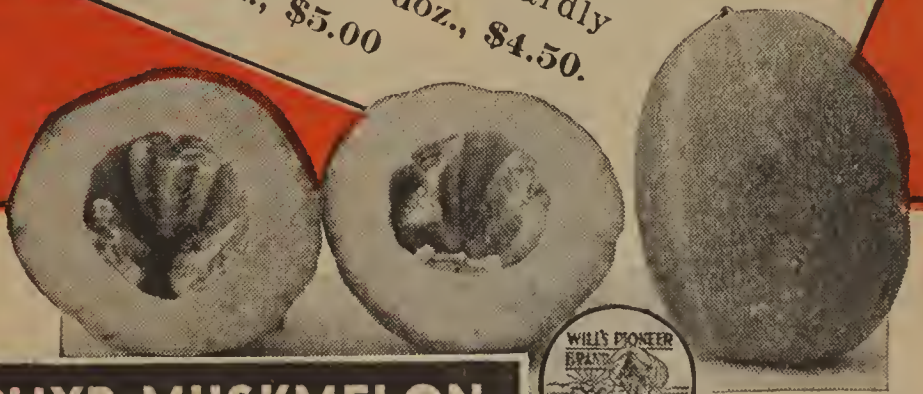
## McDONALD RHUBARB

This new rhubarb from Canada has created a sensation over the whole country. Large, with red stalks which produce a handsome pink sauce and good through the season as it hardly seeds at all. Price, each, 40c; doz., \$4.50. Postpaid, each, 45c; doz., \$5.00.



## BETTY BLAND ROSE

The lovely new, iron-clad double pink bush rose from Manitoba. Compares in hardiness with Persian Yellow. We are the first in the U. S. to offer this wonderful rose. Price, each, \$1.00.



## ZEPHYR MUSKMELON

Another production of Dr. A. F. Yeager. One of the very early, high quality melons. Yields at the rate of 15 tons per acre. Price Postpaid, pkt., 20c.



## FOR THE HARDY LAWN

### GENUINE BUFFALO GRASS PLANTS

For farm lawns, terraces, boulevards, golf greens—anywhere where a handsome dryland lawn is wanted. Spreads quickly, looks well. Set plants 12 in. to 18 in. apart each way, they will cover the ground in one season. Price, per 100 plants, 75c; 500 plants, \$3.50. Postpaid.



## GENERAL DIRECTIONS AND INSTRUCTIONS

**HOW TO SEND MONEY.** Remittance should be made by Postoffice or Express Money Order or by Bank Draft. Personal checks on banks are accepted, but customers must pay exchange and collection charge of 5 cents. U. S. stamps are accepted.

**DELIVERY OF GOODS.** Goods may be sent by mail, express or freight. Postpaid prices are quoted in most cases. Parcel Post rates are given so that customers can figure the amount necessary to add to freight prices when larger amounts are desired by mail. If you wish goods sent by mail be sure that you remit mail prices. The Parcel Post weight limit is 70 lbs. Weight limit for Parcel Post to Canada 15 lbs. at 14c per lb. There is no reduction on postpaid prices of packet and ounce goods if sent by express or freight.

**EXPRESS AND FREIGHT.** Quotation F. O. B. here means that we deliver the goods to the express or railway company. The purchaser pays all transportation charges on receipt of goods. On moderate sized orders we advise express shipment rather than freight. All prices are F. O. B. here unless quoted postpaid.

Upon delivery of goods to transportation company, a sale is completed. In event of loss or damage to goods in transit the purchaser must have notation of such loss placed upon his receipt, and may then file claim for loss at his station, or may send the necessary papers to us when we shall gladly enter claim for him, remitting to him as soon as the claim is paid.

Remember that our responsibility ceases on delivery in good order to the transportation company, and it is therefore imperative that every purchase be carefully examined for loss or damage before accepting it.

We do not guarantee replacement of goods sent by mail. An additional remittance of five cents will insure any mail package. We can not insure plants and nursery stock so there is no recourse in case of delay and injury when mailed.

**PACKING.** No charge is made for boxes, bags or wrapping for any goods offered in this catalog.

**KEEP A COPY OF YOUR ORDER.** Check goods received with this copy. Sometimes items are sold out or will follow later, in which case a slip is enclosed with goods or notices sent.

**MISTAKES.** These will happen in spite of all care. Write us at once with copy of original order and order number, and mistake will be promptly rectified. Please do not return goods until you hear from us.

Notify us if you hear nothing of your order

within a reasonable time.

**OUR RESPONSIBILITY.** It is so manifestly impossible for a seller of any perishable goods to be responsible for what happens to them after they leave his hands, especially goods like seeds and plants which are planted in the ground under varying conditions of soil and climate, that we, in common with all American seed houses, disclaim responsibility as to crop which may be raised from the seeds which we sell.

**We wish it understood that all goods are sold under the following general non-warranty.**

We give no warranty, express or implied, as to the description, quality, productiveness or any other matter, of any seeds, bulbs, shrubs or trees sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on the above terms, no sale is made thereof, and they must be returned at once and money will be refunded.

However, we wish to call the attention of our customers to the fact that we make careful tests of all seeds in our stock and endeavor to see that nothing but goods of the very highest quality are sent out.

We urge most strongly that every bit of seed grain or seed corn received from us be tested. Should the test prove unsatisfactory or the goods not as represented we should be notified at once and an immediate adjustment will be made.

With regard to trees or plants, if sent by express, and damage is noted by consignee at the station, we are glad to replace or refund. We do not guarantee nursery stock and plants after being taken from the express office, but are always willing to give attention to just claims for loss. We do not make C. O. D. shipments of perishable goods.

Residents of North Dakota must include 2% sales tax with remittances except on seeds, plants, vegetable plants and feed.

### PARCEL POST RATES

Limit of weight, 70 lbs.

If You Do Not Know Which Zone Rate Applies, Consult Your Postmaster.

**For Zones 1 and 2**—One pound is 8c; 2 lbs., 10c. Add 1c per pound to 10c for each additional pound weight or fractional pound of the package. Thus 7 pounds will be 10c plus 5 additional pounds at 1c per pound, or 15c.

**Zone 3**—One pound is 9c. For each additional pound add 2c.

**Zone 4**—One pound is 10c. For each additional pound add 3.5c.

**Zone 5**—One pound is 11c. For each additional pound add 5.3c.

**Zone 6**—One pound is 12c. For each additional pound add 7c.

**Zone 7**—One pound is 14c. For each additional pound add 9c.

**Zone 8**—One pound is 15c. For each additional pound add 11c.

## FREE PREMIUMS

With every order for vegetable and flower seeds of \$15.00 or more, for seed grain or nursery stock of \$25.00 or more we shall be glad to furnish on request one large white thermometer 13½ in. long and suitable for out of door use.

In place of the thermometer, for those preferring it, we can send the following book:

Guide to Corn Growing in the American and Canadian Northwest. (Sales price, 50c.) A complete handbook of Corn History, Corn Breeding, Corn Growing, Corn Varieties, and the handling of the crop; in popular form and non-technical language. Deals with all matters relating to corn production under the special requirements of Northwestern and Northern Great Plains conditions.



**T**HIS is our 55th catalog. Oscar H. Will, whose picture you see at the right, started at Bismarck to sell seeds and plants in 1882. Oscar H. Will II, whose picture you see at the left, hopes to follow his grandfather's footsteps in the business. He represents our third generation. Dakota has, after all, been a pleasant and interesting home for most of us during three generations, and it is almost a certainty that it will continue to be so in spite of occasional interruptions of bad years and drought.



North Dakota was in very much better condition in 1937 than it was in 1936, and we believe that 1938 will mark still greater improvement.

We are better prepared than ever to serve our increasingly numerous customers in this, our 55th year, and you will find some new and valuable things to try in our 1938 catalog as well as our old standard introductions which are especially adapted to the Great Plains region.

Sincerely,  
OSCAR H. WILL & CO.



Something Extra of Our Own Selection Will Be Included with Every Order for Garden or Flower Seed Over 25 cts.

**WILL'S FLOWER SEED—All Flower Seed Postpaid**

**WILL'S Old-Fashioned Flower Garden Collection**

One packet each of the following:

- |                          |                         |                            |
|--------------------------|-------------------------|----------------------------|
| Antirrhinum(Snapdragon)  | Single Mixed Hollyhock  | Sweet William              |
| Mixed Giant Flowered     | French Mixed Marigold   | Dahlia-Flowered Zinnia     |
| Mixed Bachelor's Button  | Mignonette Machet       | Gold Medal Mixture         |
| Double Camellia-Flowered | Mixed Morning Glory     | Also one ounce each of the |
| Balsam                   | Phlox Drummondii Grand- | following:                 |
| Cosmos, Early Mammoth    | iflora                  | Will's Pioneer Brand       |
| —Flowering Single        | Poppy, Mixed Carnation  | Dwarf Mixed Nastur-        |
| Mixed                    | Mixed Single Portulaca  | tiums                      |
| Dianthus—Chinese Pink    | Dwarf Ten Weeks Stocks  | Will's Imperial Mixed      |
| Helichrysum, (Straw      |                         | Sweet Peas                 |
| Flower) Mixed            |                         |                            |

This \$1.30 Value.—Postpaid for Only..... **75c**



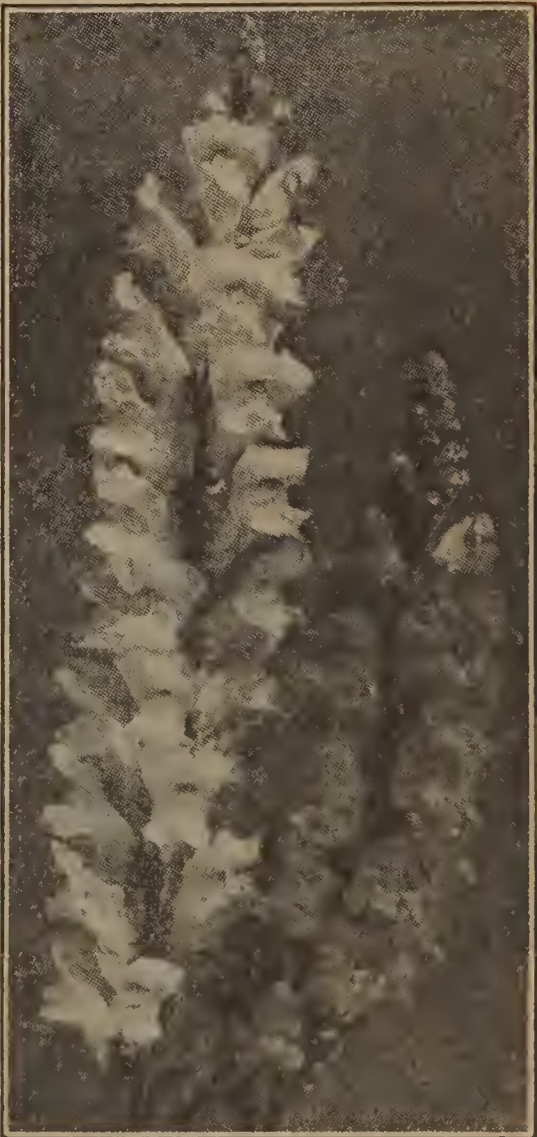
Ageratum—Blue Perfection.



Alyssum—Little Gem.

- AGERATUM—Blue Perfection (A).** One of the best border and bedding plants, 10 inches tall, quick growing and flowering freely from early summer to frost. Pkt., 5c; ¼ oz., 20c.
- ALYSSUM (A).** One of the finest annuals we have for edging. Compact plants, six inches high, completely covered with bloom throughout the season.
- LITTLE GEM.** Honey scented white blooms. Pkt., 5c; ½ oz., 20c; oz., 35c.
- LILAC QUEEN.** Deep lavender lilac blossoms. Pkt., 5c; ¼ oz., 15c.
- ANTIRRHINUM—SNAPDRAGON. MAXIMUM GIANT FLOWERED (A\*).** The best in Snapdragons. Can be sown outdoors with good results, but for early blooming should be started inside. Splendid for cutting, our mixture is unexcelled. Pkt., 10c; ½ oz., 30c; ¼ oz., 50c.

If you wish any sort of Flower Seed not listed here, ask us about it. If we cannot supply it, we'll try to tell you where it may be obtained.



Antirrhinum—Snapdragon.

ONLY CUSTOMERS LIVING IN NORTH DAKOTA MUST ADD TWO PER CENT FOR SALES TAX TO THEIR REMITTANCES FOR NURSERY STOCK, DECORATIVE GREENHOUSE STOCK, INSECTICIDES, TOOLS AND SUPPLIES. THIS TAX DOES NOT APPLY TO SEEDS, FEEDS, ONION PLANTS OR VEGETABLE PLANTS.

- KEY TO SYMBOLS**
- |                 |                |
|-----------------|----------------|
| (A) Annuals.    | (T) Tender.    |
| (B) Biennials.  | (C) Climbers.  |
| (P) Perennials. | * For cutting. |



**ASTERS (A\*)**

The old favorite Chinese Aster brought up to date.

**Improved Crego Mixed—Wilt Resistant.** A beautiful midseason sort, growing 2 feet tall, with large blooms born on long stems. Pkt., 5c; ¼ oz., 35c.

**Imbricated Pompon—Finest Mixed.** Mid-August flowering, upright 12 to 14 inch plants, bearing small round cushioned flowers, excellent for cutting and popular with florists. Pkt., 15c; ¼ oz., 60c.

For Aster Plants, see page 55

**BACHELOR'S BUTTON**

**CORN FLOWER—CENTAUREA CYANUS.** (A \*). Easy to grow and blooms continuously. One of the most attractive hardy annuals.

**Double Blue (Florist's Strain).** Pkt., 5c; ¼ oz., 20c.

**Double Mixed.** Pkt., 5c; ¼ oz., 15c.



Bachelor's Button.

**BALSAM—Double Camellia Flowered Mixed.** (A). An old favorite, the bushy plants develop rapidly and the double flowers cluster showily along the main stalk. Pkt., 5c; ¼ oz., 20c.

**BEANS — SCARLET RUNNER.** (A-C). A rapid growing climber, reaching a height of 10 to 12 feet, and bearing sprays of brilliant scarlet pealike blossoms. Desirable for snap or green shell Beans and an ideal fence cover. Pkt., 5c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 45c.

**BEE PLANT—CLEOME PUNGENS.** (A). An attractive, very hardy native plant, 2 to 4 feet high, bearing spiderlike rosy purple flowers in August. Pkt., 10c.

**BOUNCING BET — SAPONARIA OFFICINALIS.** (P). An old, hardy favorite of easy culture, growing 12 to 18 inches high with close phlox-like heads of white or pinkish white blooms throughout most of the summer. Pkt., 10c; ¼ oz., 20c.

**CALENDULA**

**POT or SCOTCH MARIGOLD.** (A \*). Growing anywhere and blooming from early summer until frost, this is one of the most honest and satisfactory flowers we have.

**Orange King.** A deep orange and very double. Pkt., 5c; ¼ oz., 15c.

**Sunshine or Chrysantha.** A newer type of Calendula, long stemmed Chrysanthemum shaped large buttercup yellow flowers. Pkt., 10c; ¼ oz., 25c.

**CALLIOPSIS—MIXED.** (A \*). A graceful, showy, sunshine loving plant, blooming from June to frost. The colors range through yellow to rich brown. Pkt., 5c; ¼ oz., 15c.

**CAMPANULA—CANTERBURY BELLS—Annual Finest Mixed.** (A). With this new annual type started indoors in early spring, we can enjoy the glory of these dainty bell like blooms the same summer. Pkt., 10c; ¼ oz., 45c.

**CANARY BIRD FLOWER.** (A-C). A beautiful climber with daintily cut foliage and charming canary like blossoms. Pkt., 10c; ½ oz., 20c.

**CANDYTUFT (A\*)**

Easily grown dwarf plants, blooming throughout the summer, fine for edging, beds and borders.

**Giant White Hyacinth Flowered.** Pkt., 10c; ¼ oz., 25c.

**Giant Flowering Mixed.** Pkt., 5c; ½ oz., 15c.

**CARNATION**

(P\*). These spicily fragrant flowers should be started indoors and while perennials are best sown each year, plants may be cut back in fall and potted for winter blooming.

**Margaret Mixed.** Very double, abundant blooms with good stems. Pkt., 10c; ¼ oz., 50c.

**Chabaud Mixed.** Upright, robust plants, with extra large flowers. Pkt., 10c; ¼ oz., 55c.



Carnation—Margaret.



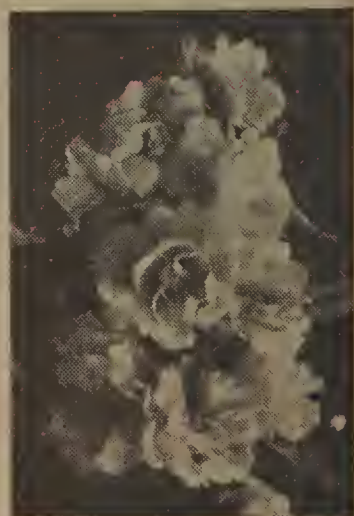
Giant Flowering Candytuft.



Calendula—Double Chrysantha or Sunshine.



Mixed Improved Crego Aster.



Double Camellia-Flowered Balsam.



**CELOSIA—COCKSCOMB**

(A). A very showy and colorful group, easily grown and readily dried for winter bouquets.

**DWARF CRESTED MIXED (Cristata).** Plants 1 foot tall topped by large ruffled cockscombs. Color range from yellow through red. Pkt., 10c; ¼ oz., 45c.

**OSTRICH PLUMED or FEATHERED MIXED (Plumosa).** 2 to 3 feet plants, with graceful stately plumes resembling ostrich feathers above the foliage. Pkt., 5c; ¼ oz., 30c.

**CHINESE WOOLFLOWER MIXED (Childsii).** Plants grow from 2 to 3 feet high with flower heads resembling bright colored, loose balls of wool. The red, pink and yellow blooms of our mixture start early and do not fade until frost. Pkt., 10c; ¼ oz., 45c.



Dwarf Crested Cockscomb.



Clarkia—Double Mixed.

**CENTAUREA IMPERIALIS—GIANT SWEET SULTAN (A\*).** The finest of all Sweet Sultans for cut flowers. The large, sweet-scented and thistle-like blooms are borne gracefully on long strong stems. Pkt., 5c; ¼ oz., 25c.

**CHINESE LANTERN PLANT (Physalis Franchetti) (P).** Produces lantern-like fruits that turn bright orange red when ripe. They should then be cut, the leaves trimmed, and the fruits will retain their color through the winter. Pkt., 10c; ¼ oz., 35c.

**CHRYSANTHEMUM CORONARIUM — FRENCH MAR-GUERITE (A).** Compact plants, 2 feet high, with handsome double flowers, 1½ inches in diameter, in white and shades of yellow. Pkt., 5c; ¼ oz., 20c.

**CLARKIA—DOUBLE MIXED (A\*).** Graceful plants with richly colored double rosette-like flowers almost covering the upright branches. Pkt., 10c; ¼ oz., 30c.

**COBOLIA SCANDENS—CATHEDRAL BELLS (A-C).** A most handsome and rapid growing climber. The flowers are large and bell shaped. Pkt., 10c; ¼ oz., 25c.

**COLUMBINE — AQUILEGIA — LONG SPURRED MIXTURE (P).** A hardy, graceful, June blooming perennial, 2 feet high. The dainty, long spurred flowers of our mixture range in color from purple through yellows to white. Pkt., 10c; ¼ oz., 60c.

For Columbine Roots see Page 67.

Columbine.  
Long Spurred.

Double Crested Cosmos.

**COSMOS**

(A\*). Growing 4 to 5 feet tall, branching freely with feathery foliage, and blooming abundantly from late July until frost, Cosmos is especially effective in screens and borders.

**SENSATION MIXED.** Extra Early Giant Flowering with blooms 4 to 5 inches in diameter. Pkt., 10c; ¼ oz., 35c.

**EARLY MAMMOTH FLOWERING SINGLE MIXED.** Blooming early enough to satisfy the wants of flower lovers in this section. Tall plants with huge blooms. Pkt., 5c; ¼ oz., 15c.

**EARLY FLOWERING DOUBLE CRESTED MIXED.** Sometimes called Anemone flowered, this is one of the finest Cosmos for cutting. About 65% of the blooms are double. Pkt., 10c; ¼ oz., 65c.

**WILD CUCUMBER (A-C).** The quickest growing climber we have. Fragrant white flowers are followed by ornamental prickly seed pods. Pkt., 5c; oz., 20c; ¼ lb., 55c.

**SUMMER CYPRESS—BURNING BUSH (A).** Ornamental rapid grower, 2 to 3 feet high, with cypress-like appearance. Light pea green leaves change to purplish red in fall. Pkt., 5c; ½ oz., 15c.

**CYPRESS VINE (A-C).** An attractive climber with dark green feathery foliage and star shaped flowers. Pkt., 5c; ½ oz., 25c.

**DAHLIA — UNWIN'S DWARF HYBRIDS (TP\*).** Blooms in 60 days from seed. Plants are 2 feet tall with semi-double flowers, 3 inches across. Tubers are produced which may be saved. Pkt., 15c.

**DIGITALIS—FOXGLOVE (P).** Easily grown semi-hardy, stately perennial reaching a height of from 2 to 4 feet and producing long spikes of beautiful tubular flowers. Pkt., 5c; ¼ oz., 25c.



Single Early Cosmos.



Summer Cypress.



Unwin's Dahlia.



## DAISIES

**SHASTA DAISY**—*Alaska* (P\*). Can be grown out of doors anywhere with light winter protection. The flowers are large with glistening white petals and small golden centers. Pkt., 10c; ¼ oz., 60c.

**PAINTED DAISY**—*Pyrethrum Rosea*—Single Mixed (P\*). This hardy Persian Daisy is 2 feet tall with fern like foliage. It is easily grown, blooms in May and June and is a splendid cut flower. Pkt., 10c; ¼ oz., 50c.

For Shasta and Painted Daisy roots, see page 67.

**AFRICAN DAISY**—*Dimorphotheca Aurantiaca* Hybrids (A\*). An easily grown, beautiful and extremely showy annual from South Africa. Plants grow 1 foot high and enjoy a sunny location. This is one of the loveliest of flowers. Pkt., 10c; ¼ oz., 35c.

## DIANTHUS

An abundant and brilliant bloomer, averaging 1 foot high, adapted to borders, beds, and rock gardens.

**CHINESE PINK MIXTURE** (A\*). Our double mixture covers the complete color range and includes not only the old standard sorts, but all the newest spotted, striped and fringed varieties. Pkt., 5c; ¼ oz., 20c.

**GRASS or CLOVE PINK MIXTURE** (P\*). Hardy, with grassy foliage and thin wiry stems, our Plumarius mixture includes both single and double blooms of this spicily fragrant and deeply fringed flower favorite. Pkt., 10c; ¼ oz., 30c.

**FORGET-ME-NOT** (P). Best treated as an annual in this section, although it often winters with some protection. The dainty, clear blue flowers flourish in partial shade. Pkt., 10c.

**FOUR O'CLOCK**—*Marvel of Peru* (A). An old fashioned bushy, thrifty plant with bright blooms opening in afternoon and on cloudy days. Freely flowering from midsummer to frost. A fine annual hedge. Pkt., 5c; oz., 25c.

**GALLARDIA**—*Blanket Flower* (P\*). This is one of the most satisfactory perennials blooming from June until frost. Our long stemmed, single mixture will give you all possible combinations of yellow and red. It thrives anywhere. Pkt., 10c; ¼ oz., 25c.

**GERANIUM** (TP). Sown early in the spring, indoors, these are easily raised from seed and frequently reward the cultivator with charming new colorings. Our mixture is of the largest and finest strains. Pkt., 10c.

**GOURDS** (AC). A valuable class of annual climbers. If allowed to ripen on the vines, the gourds can be kept for months as unique ornaments.

**NEST EGG**. The color, shape and size of a nest egg. Pkt., 10c; oz., 35c.

**DISHCLOTH**. With enormous fruits 2 feet long, the spongy interior fibre is an excellent scrubbing material. Pkt., 10c; oz., 35c.

**SMALL FRUITED MIXED**. All shapes, colors and markings. Pkt., 5c; oz., 25c.

**GYPSOPHILA**. Thrive almost anywhere and give a charming misty effect in bouquet or border with their many tiny blossoms.

**ELEGANS GRANDIFLORA ALBA**—*Angel's Breath* (A\*). Pure white, large flowered. Pkt., 5c; ½ oz., 15c.

**PANICULATA**—*Baby's Breath* (P\*). Fine white flowers in June and July. May be dried for winter bouquets. Pkt., 5c; ¼ oz., 20c.

**HELICHRYSUM**—**DOUBLE STRAWFLOWER** or **EVERLASTING** (A\*). The finest and most widely grown of all Everlastings. Ornamental when growing with its wide range of color and much prized for winter bouquets. Pkt., 5c; ¼ oz., 20c.

**HELIOTROPE**—*Mixed* (TA). Fragrant, beautiful and long blooming it is easily grown and fine for either bedding or pot plant. Pkt., 10c; ¼ oz., 60c.

## HOLLYHOCK

Among shrubs, as screen or background, the tall and stately Hollyhock has its place in every garden.

**PIONEER**—*Double Mixed* (P). This will not bloom the first year unless planted indoors by March. Our mixture comprises all shades. Pkt., 10c; ¼ oz., 50c.

**BISMARCK**—*Single Mixture* (P). The single sorts are slightly hardier and more vigorous than the doubles. Our mixture is equal to any. Pkt., 5c; ¼ oz., 20c.

**ANNUAL**—*Double Mixed* (A). If sown in the open ground in May will bloom in August. Our mixture is double and semi-double. Pkt., 10c; ¼ oz., 40c.

For Hollyhock Roots see Page 67.

**ICE PLANT**—*Mesembryanthemum Crystallinum* (A). A trailing plant with singularly icy foliage. Especially useful in rock garden. Pkt. 5c.

## LARKSPUR

**ANNUAL TALL DOUBLE STOCK FLOWERED MIXED** (A\*). The long spikes of gay double blooms and finely cut feathery foliage make Larkspur one of our most valuable garden flowers. Pkt., 5c; ¼ oz., 20c.

**DELPHINIUM**—*Perennial Larkspur*—*Gold Medal Hybrids* (P\*). One of the most beautiful and stately of perennials and much used for backgrounds and cutting. The great spikes of glorious blooms range in color from pale blue to indigo. Pkt., 10c; ¼ oz., 50c.

For Perennial Larkspur Roots, See Page 67.



Shasta Daisy.



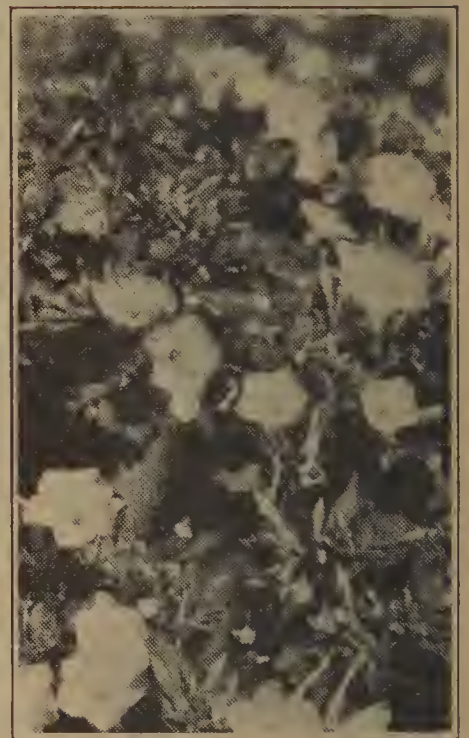
Helichrysum



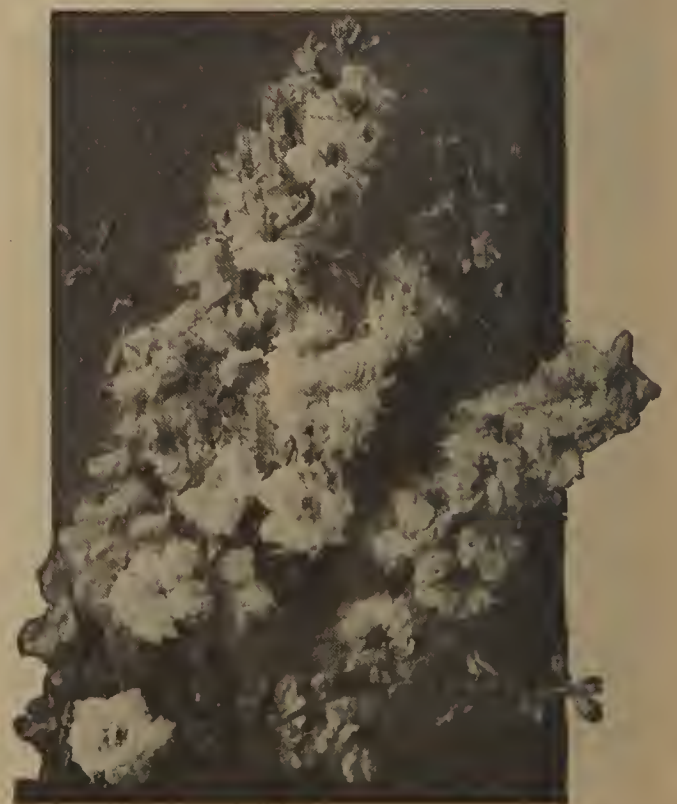
Pioneer Double Hollyhock.



Dianthus—Chinese Pink.



Four O'clock.



Annual Larkspur.





Tall African Marigold.

**GUINEA GOLD.** The large, double, carnation like blooms are a brilliant golden orange. This is deservedly one of the most popular Marigolds. Pkt., 10c; ¼ oz., 30c.

**TALL AFRICAN DOUBLE MIXED.** The plants are 2½ feet high and the very large globular flowers have tubular or quilled petals. Our mixture ranges in color from light lemon to deep orange. Pkt., 5c; ¼ oz., 20c.



Mixed Morning Glory.

**DWARF FRENCH DOUBLE MIXED.** The symmetrical rounded plants grow about 1 foot high, and the double blooms are borne freely. This sort is fine for bedding and edging as well as for cutting. Pkt., 5c; ¼ oz., 20c.

## MORNING GLORY (A-C)

Quick growing, free flowering climbers.

**HEAVENLY BLUE—Clark's Early Strain.** The finest of all morning glories, the blooms are true blue with white throats and from 3 to 4 inches across. Pkt., 15c; ¼ oz., 40c.

**JAPANESE MIXED—Ipomea Imperialis.** The large flowers range from white to dark purple in unusual colors. The foliage is very attractive in its variations. Pkt., 5c; oz., 20c; ¼ lb., 75c.

**FINEST MIXED—Convolvulus Major.** A good mixture of the old fashioned, yet ever popular climber. Pkt., 5c; oz., 15c; ¼ lb., 40c.

## NASTURTIUMS (A\*)

For border, bed, window box and bouquet. One of our most easily grown and popular flowering plants. Blooms early and throughout a long season in wide color range.

**GOLDEN GLEAM—DOUBLE SWEET SCENTED.** This outstanding flower development continues to gain in popularity. The fragrant, golden yellow blooms are borne well above the foliage on strong bushy plants. Pkt., 10c; oz., 20c; ¼ lb., 55c.

**DWARF DOUBLE GEM MIXED.** The plants are dwarf and compact. While some single blooms may be expected, the great majority will be large, double or semi-double, sweet scented, in well balanced color mixture. Pkt., 10c; oz., 20c; ¼ lb., 55c.

**WILL'S PIONEER BRAND DWARF SINGLE MIXED.** The best obtainable mixture of desirable colors. Pkt., 5c; oz., 15c; ¼ lb., 30c; ½ lb., 55c; 1 lb., 90c.

**WILL'S SUPERB TALL SINGLE MIXED.** Plants from our mixture will grow 5 to 6 feet high, with showy blooms of the most brilliant shades. Pkt., 5c; oz., 15c; ¼ lb., 30c; ½ lb., 55c; 1 lb., 90c.

**MIGNONETTE MACHET (A\*).** A modest, fragrant plant, growing 1 foot high, with compact spikes of bloom. Pkt., 5c; ¼ oz., 15c.

**NICOTIANA—AFFINIS HYBRIDS (A).** Plants 2 to 3 feet high bear star-shaped blossoms which are delightfully fragrant, especially at evening. Pkt., 10c; ¼ oz., 25c.

**NIGELLA—LOVE-IN-A-MIST-NIGELLA (A\*).** A favorite, compact growing plant in whose fine feathery foliage nestle lovely double cornflower-blue blooms. Pkt., 10c; ¼ oz., 20c.

## WILL'S PANSIES

**WILL'S ROYAL SHOW (P\*).** The best mixture we can supply. The blooms are all that can be desired in color, size and form. Pkt., 15c; 2 pkts., 25c; ¼ oz., \$3.00.

**WILL'S PREMIUM MIXTURE.** While not to be compared with the Royal Show, this mixture has large blooms in complete color range and will please everyone who enjoys Pansies. Pkt., 5c; ¼ oz., 60c.

For Pansy Plants, See Page 55.

**PENTSTEMON GRANDIFLORA—BEARD TONGUE (P\*).** One of our most beautiful native perennial flowers and absolutely hardy. The plant grows 2 feet high, blooming in early July with long spikes of lavender, bell shaped blossoms. Pkt., 5c; ¼ oz., 20c.



Nasturtium—Golden Gleam.



Royal Show Pansies.





Phlox Drummondii.

**PHLOX — DRUMMONDI GRANDIFLORA MIXED (A\*).** Easily grown, brilliant and fresh in color, Phlox is one of the most satisfactory annuals. Flowers from our mixture are distinct and vivid in splendid variety of tone. Pkt., 10c; ¼ oz., 30c.

## PETUNIAS (A\*)

Enjoy sunshine, bloom profusely within 2 months from seed and are fine for bedding, porch or window box, border and pot.

**ALL DOUBLE GIANT FRINGED MIXED.** The best Double Petunia seed obtainable. Practically all of the dwarf, stocky plants will have double fringed blooms. Pkt., containing about 140 seeds, 35c; 2 pkts., 60c.

**SPECIAL SINGLE MIXTURE—HYBRIDA GRANDIFLORA.** Plants grow 2 feet tall. Flowers are not overly large, but are borne profusely and their wonderful colorings and markings make a brilliant show in bed or border. Pkt., 10c; ¼ oz., 55c.

**ROSY MORN.** A dwarf Petunia, dainty and effective for borders and window boxes. In color a soft carmine pink with white throat. Pkt., 10c; ¼ oz., 90c.

For Petunia Plants See Page 55.



All Double Giant Petunias.

## POPPIES (A)

Brilliant flowers produced freely in a riot of color.

**CARNATION MIXED.** Large double flowers with fringed petals in wide range of color. Pkt., 5c; ½ oz., 15c.

**CALIFORNIA or ESCHSCHOLTZIA MIXED.** These brilliant flowers are produced on low spreading plants with silvery cut foliage. For bouquets, cut when buds first show color. Pkt., 10c; ¼ oz., 15c.

**AMERICAN LEGION.** An improved Flanders Poppy, its color is a dazzling scarlet. Pkt., 10c; ¼ oz., 20c.

**DOUBLE SHIRLEY MIXED.** Large, graceful silky flowers. Pkt., 10c; ¼ oz., 20c.

**BLUE MAW (A).** Not intended for planting, but used for cooking by the people of Central and Southeastern Europe, and quite largely by people from those districts who have settled in this country. ¼ lb., 10c; 1 lb., 30c, postpaid.

**PRICKLY—ARGEMONE—MEXICAN (A\*).** This 3 foot plant likes sun and will grow in almost any soil. The large flowers are white and double. Pkt., 10c.

**ORIENTAL MIXED (P).** Unrivalled for gorgeous effectiveness in perennial borders and shrubberies, the flowers are immense, frequently six inches across. Pkt., 10c; ¼ oz., 50c.

**ICELAND MIXED (P\*).** The large, gaily colored, cup-shaped flowers bloom on graceful, wiry stems. If sown early, will bloom first year from seed. Pkt., 10c; ¼ oz., 50c.



California Poppy—Eschscholtzia.



Carnation Poppy.



Single Portulaca.

## PORTULACA—Rose Moss (A)

**Hardy, Sun Loving, Profuse Bloomer.** Blooms early and until frost, thriving and producing a brilliant display where almost any other plant would die. Fine for beds, borders and ground cover. We recommend it for cemetery planting.

**DOUBLE MIXED.** A small percentage of singles is to be expected. Pkt., 10c, ¼ oz., 70c; oz., \$2.25.

**SINGLE MIXED.** Pkt., 5c; ¼ oz., 20c; oz., 55c.

**PRIMROSE or PRIMROSE MALACOIDES (TA).** Sown in April will make plants for fall and winter blooming indoors. Pkt., 10c.

**RICINUS—CASTOR BEAN (TA).** Tall stately plant with ornamental foliage and brilliant colored fruit. Pkt., 10c; oz., 20c; ¼ lb., 45c.





Dwarf  
Ten Weeks Stocks

**SALPIGLOSSIS—VELVET FLOWER or PAINTED TONGUE—Large Flowering Mixed (A\*).** Easily grown annual, 2 to 2½ feet tall, and one of our favorite flowers. The velvety blooms are large, trumpet shaped, and of richest colors, from creamy white to deep purple, all veined with gold. Pkt., 10c; ¼ oz., 35c.

**SALVIA—CLARA BEDMAN or EARLY BONFIRE (TA\*).** Its erect spikes of brilliant scarlet flowers make this one of the most handsome of Salvias. Pkt., 10c; ¼ oz., 70c.

**SCHIZANTHUS—BUTTERFLY FLOWER—Poor Man's Orchid (A\*).** 18 inches tall, this very early bloomer is completely covered with small, bright, butterfly-like flowers in wide range of color. Of easiest culture, this is one of the daintiest of annuals. Pkt., 10c; ¼ oz., 35c.

**SNOW-ON-THE-MOUNTAIN—Euphorbia Variegata (A).** A bushy plant of colorful foliage, much used in borders and backgrounds. The broad green leaves are heavily margined with silvery white. Pkt., 10c; oz., 30c.

**STOCK—GILLIFLOWER—Double Dwarf, Ten Weeks (A\*).**

The large, profuse spikes of rosette like blooms are of beautiful coloring and rich fragrance. A small percentage of singles may be expected, but our early mixture is as true to type as can be obtained. Pkt., 10c; ¼ oz., 50c.

**SUNFLOWER—Helianthus—Double Chrysanthemum Flowered (A).** The plants are 7 feet tall. The double, golden yellow flowers are 6 to 8 inches across with fringed petals. Pkt., 5c; oz., 35c.

For Mammoth Russian Sunflower, See Page 51.

**SWEET SCABIOSA—Tall Large Flowered Double Mixed (A\*).** Also known as Mourning Bride or Pin Cushion Plant. The showy, double blooms are borne on long strong stems and soft colors predominate. Pkt., 5c; ¼ oz., 20c.

**SWEET WILLIAM—Dianthus Barbatius—Double and Single Mixed (P\*).** An old garden favorite, 1½ to 2 feet high, blooming early with handsome broad clusters of little pinks. With some care plants will last many years, although they may be easily raised from seed each season. Pkt., 10c; ¼ oz., 25c.

**VERBENA—Hybrida—Mammoth Choice Mixed (A\*).** A very popular dwarf plant of many uses, bearing clusters of brilliant star shaped flowers through a long season. The colors of our mixture are rich and vivid. Pkt., 10c; ¼ oz., 40c.



Salpiglossis  
or Velvet Flower



Scabiosa—  
Mourning Bride



Dahlia Flowered Zinnia. Gold Medal Mixture.

## ZINNIAS

OUR FLOWER AND WHY—FLOURISHES IN HEAT and FLOWERS ABUNDANTLY WITH LITTLE CARE. LONG SEASON OF BLOOM. PRACTICALLY FREE FROM PLANT DISEASES.



Sweet William.

SHOWY, BRIGHT AND FREE FLOWERING  
FINE FOR CUTTING AND EVERY GARDEN USE

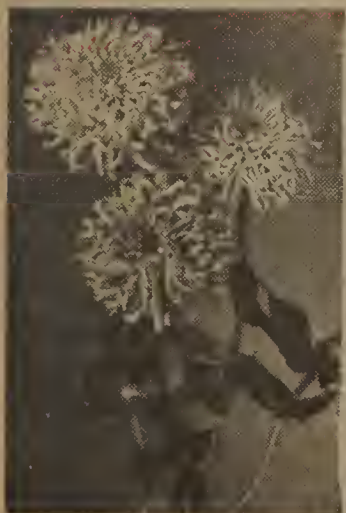
**DAHLIA, FLOWERED—Gold Medal Mixture.** Best for general garden use, 2½ to 3 feet tall. The blooms average 4½ to 5 inches across, in bright intense shades. Our seed is from the originator, is grown in separate colors and then mixed, and is vastly superior to much that is offered. Pkt., 10c; ¼ oz., 40c; oz., \$1.25.

**CALIFORNIA GIANTS—Mixed.** The blooms are not as deep as those of the Dahlia flowered type, but fully as large, and the longer stems make this sort more desirable for cutting. Pkt., 10c; ¼ oz., 40c; oz., \$1.25.

**DOUBLE LILLIPUT or POMPON—Mixed.** The plants are from 12 to 18 inches high, blooming profusely in 45 days from seed. The flowers are very double, 1 to 1½ inches in diameter, and the colors bright and well varied. Pkt., 10c; ¼ oz., 25c; 1 oz., 90c.

**FANTASY—Mixed.** A medium sized Zinnia with shaggy petals, curved and quilled, graceful and delicate. The color mixture is complete. Pkt., 10c; ¼ oz., 40c; oz., \$1.25.

**SCABIOUS FLOWERED MIXTURE.** An oddly attractive bloom resembling the annual Scabiosa. The plants are 2 to 2½ feet high and the flowers are medium sized with rich color range. Pkt., 15c; ¼ oz., 50c; oz., \$1.60.



Zinnia-Fantasy



Zinnia  
Scabious Flowered

## ZINNIA COLLECTION

Five Packages of Zinnia—One of Each Sort We List, for 40c



# WILL'S SWEET PEAS



Early Flowering Spencer Sweet Peas

## SWEET PEA COLLECTION

One regular packet of each of the 14 varieties of Sweet Peas listed on the next page. If purchased separately would cost \$1.40. Will sow 80 feet of row. And a GARDEN SIZE PACKAGE OF NITRAGIN to treat the seed for better results.

**\$1.00**

## A Few Suggestions

The Sweet Pea plant or vine succeeds best in cool, moist, yet well drained soil. To secure the longest possible season of bloom the seed must be planted early. The best mode of planting is the trench method. The trench is dug two feet deep and two feet wide, and filled nearly to the surface of the ground with a mixture of well rotted manure and rich soil, with a six-inch layer of soil at the top. The seed should be sown, two inches deep, at the rate of one ounce to twenty feet. During dry weather the ground should be thoroughly soaked once or twice each week. A light spraying of the vines in the evening during hot weather will be found beneficial, and the earth should at all times be kept loose about the plants to a depth of two inches. Sweet Peas should be cut early in the morning and the more closely the flowers are kept cut off the longer will be the period of bloom. Remember, the vines quickly wither if allowed to produce any great amount of seed. Spray thoroughly and often to prevent infection by aphids.

## Choice Mixed Sweet Peas

**EARLY FLOWERING SPENCER MIXTURE.** These come into bloom three weeks before the standard Spencer varieties, but with the same long stems and large, waved flowers. They have replaced the standard Spencers in greenhouse planting, and, though they do not grow quite as tall nor branch as much, their earliness and long season of bloom make them invaluable for outdoor planting, particularly in the short season north. Pkt., 10c; oz., 25c; ¼ lb., 80c; ½ lb., \$1.50; 1 lb., \$2.75.

**RUFFLED SPENCER MIXED SWEET PEAS.** The newest and finest in Sweet Peas with gigantic blooms so ruffled and frilled that they appear almost double; a treat for all lovers of Sweet Peas. Pkt., 10c; oz., 30c; ¼ lb., 90c; ½ lb., \$1.65; 1 lb., \$3.00.

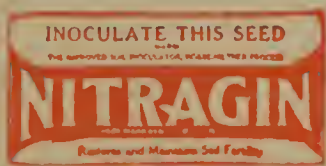
**WILL'S IMPERIAL MIXED SWEET PEAS.** A blend of all the best Spencer Strains and the old, but ever popular Grandiflora types. Every color of the rainbow is represented in every possible combination. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 90c.

**WILL'S GIANT SPENCER MIXED SWEET PEAS.** A mixture in proper proportions of the large waved standard Spencer sorts through the whole range of color. This is the best mixture we know. Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., 90c; 1 lb., \$1.60.

**SIBERIAN PERENNIAL SWEET PEAS** The vines are about 5 feet high, absolutely hardy and bloom all summer if blossoms are kept picked. Pkt., 10c.

My Sweet Peas were very beautiful the last two years.  
Had many compliments. MRS. SADIE FARRELL,  
1933 Utah Ave., Butte, Montana.

## Treat Sweet Peas with NITRAGIN



Garden Size 10c, Postpaid  
Will Treat Up to 4 Pounds of Peas,  
Beans and Sweet Peas.  
SEE PAGE 77



Will's Giant Spencer Sweet Peas

I find your Sweet Peas the finest I have seen grow in this place. I had them last year and planted very late and a dry season. Had lovely large blooms until frost.

MARTHA A. PERROW,  
Box 35A, White Sulphur Springs, W. Va.



# WILL'S SWEET PEAS

## Summer Flowering Spencer Varieties

These are the orchid-flowered or large waved Sweet Peas. We have tried to select for you the choicest and most beautiful varieties in their respective colors. About 100 seeds in a packet.

The following varieties of Sweet Peas are priced at: Pkt., 10c; oz., 25c; ¼ lb., 75c, postpaid. Any three packets, 25c. One packet of each, or 14 packets, with one Garden Size Package of NITRAGIN, \$1.00.

- AMBITION.** The best rosy lavender.
- AMETHYST.** Clear, medium blue, exceptionally large.
- AVALANCHE.** A pure glistening white and the best white we know.
- BRILLIANT ROSE.** Warm Tyrian rose.
- FORTUNE.** A rich navy blue.
- FLUFFY RUFFLES.** An exquisite light cream pink.
- MARY PICKFORD.** Dainty cream pink, with a soft suffusion of salmon.
- MRS. A. SEARLES.** A bright orange cerise with distinct golden sheen.
- OLYMPIA.** Rich royal purple.
- PINKIE.** Clear deep rose pink.
- RED BOY.** Pure rich crimson.
- WARRIOR.** Rich oxblood maroon.
- WELCOME.** Most dazzling of all scarlets.
- WHAT JOY.** Deep primrose yellow.

Each of the Sweet Peas listed above sells for: Pkt., 10c; oz., 25c; ¼ lb., 75c, postpaid. Any three packets, 25c. Fourteen packets, one of each sort, and one Garden Size Package of NITRAGIN, for \$1.00.



Pinkie.

## Will's Pioneer Brand Vegetable Seeds

WILL'S SEEDS Stand for Earliness and Hardiness. Back of WILL'S SEEDS are FIFTY-SIX YEARS of Experience



Please remember that the Garden Seed prices here quoted are by mail, postpaid to any address in the United States, unless otherwise noted. Prices of one pound or over subject to change.



WILL'S Hardy Garden Seeds, Acclimated to the Northwest, Do Well Everywhere

### WILL'S PIONEER INDIAN COLLECTION

5 Packets for 20c

Five packets of the same vegetable varieties that were grown by the Indians long before they ever saw or heard of a white man. One packet each of:

- Arikara Squash
- Arikara Watermelon
- Omaha Pumpkin
- Nuetta Sweet Corn
- Hidatsa Beans

FIVE PACKETS FOR 20 CENTS.

## A GOOD GARDEN IS THE MOST PROFITABLE PIECE OF GROUND ON A FARM

### PLANTING TABLE FOR VEGETABLES

For the Farm Garden we recommend that all rows be equal distances apart and that that distance be the same as that of the cultivated field crops of the farm.

Ft. of Row for Five Persons	Kind of Vegetable	Dist. Apart of Plants in Rows (Inches)	Least Dist. Between Rows (Inches)	Seed for 100 Feet of Row	Ft. of Row for Five Persons	Kind of Vegetable	Dist. Apart of Plants in Rows (Inches)	Least Dist. Between Rows (Inches)	Seed for 100 Feet of Row
200	*Beans—Dwarf, Snap	2-5.....	20.....	¾ lb.	300	Onions.....	4-6.....	14.....	½ oz.
100	Beans—Dwarf, Lima	6.....	20.....	1 lb.	200	Onions, from sets.....	2-3.....	16.....	3 pts. sets.
150	*Beets.....	2-4.....	18.....	1½ oz.	50	Parsnip.....	3-5.....	18.....	½ oz.
200	Cabbage.....	16-24....	24.....	50-75 plants.	300	*Peas.....	¾-1½....	30.....	1 lb.
50	Cauliflower....	16-24....	24.....	50-75 plants.	25	Peppers.....	16.....	24.....	60 plants.
50	*Carrot.....	2.....	18.....	½ oz.	800	Potatoes, Early.....	14-18....	30.....	½ peck.
50	Celery.....	4-8.....	18.....	200 plants.	150	*Radish.....	1-2.....	16.....	1 oz.
500	*Corn, Sweet..	16-36....	30.....	2 oz.	200	*Spinach.....	1-3.....	18.....	1 oz.
100	Cucumber....	48.....	Hills 48..	½ oz.	25	Squash, Summer....	Hills 42..	42.....	½ oz.
25	Eggplant.....	20-30....	24.....	50 plants.	100	Tomato.....	30.....	36.....	40 plants.
50	*Lettuce.....	4-8.....	Beds 6... 72.....	½ oz.	800	*Turnip.....	2-4.....	18.....	½ oz.
150	Muskmelon...	Hills 72..	72.....	½ oz.					

These vegetables marked \* should not all be planted at one time, but apart at intervals of 2 or 3 weeks to secure a continuous supply.





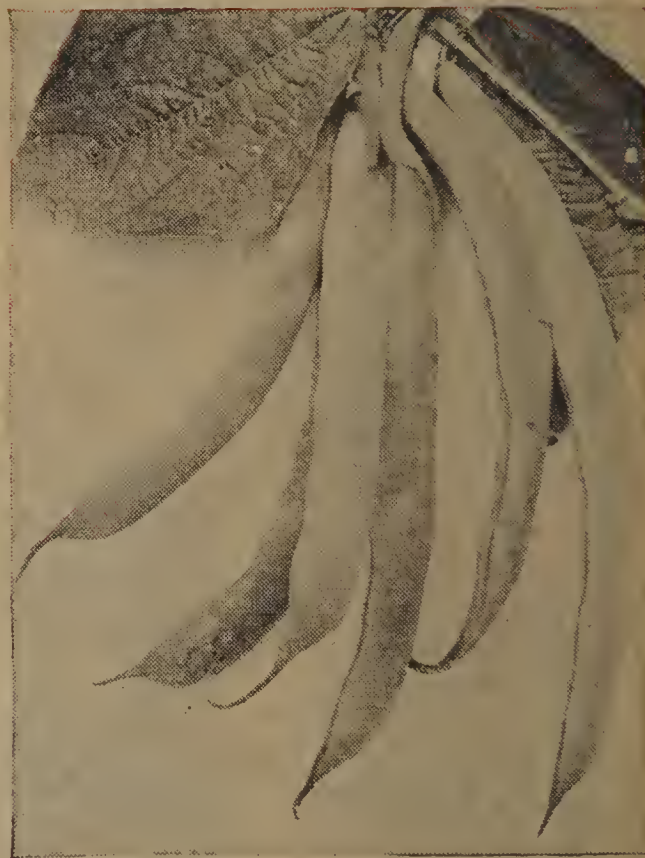
Green Pod Stringless.

**GREEN POD STRINGLESS.** This most widely grown of all the green podded sorts is very early and of best quality. The dark green pods are round, straight, thick, meaty, strictly stringless and brittle. Pkt., 5c;  $\frac{1}{4}$  lb., 11c;  $\frac{1}{2}$  lb., 19c; 1 lb., 30c, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., \$1.50.

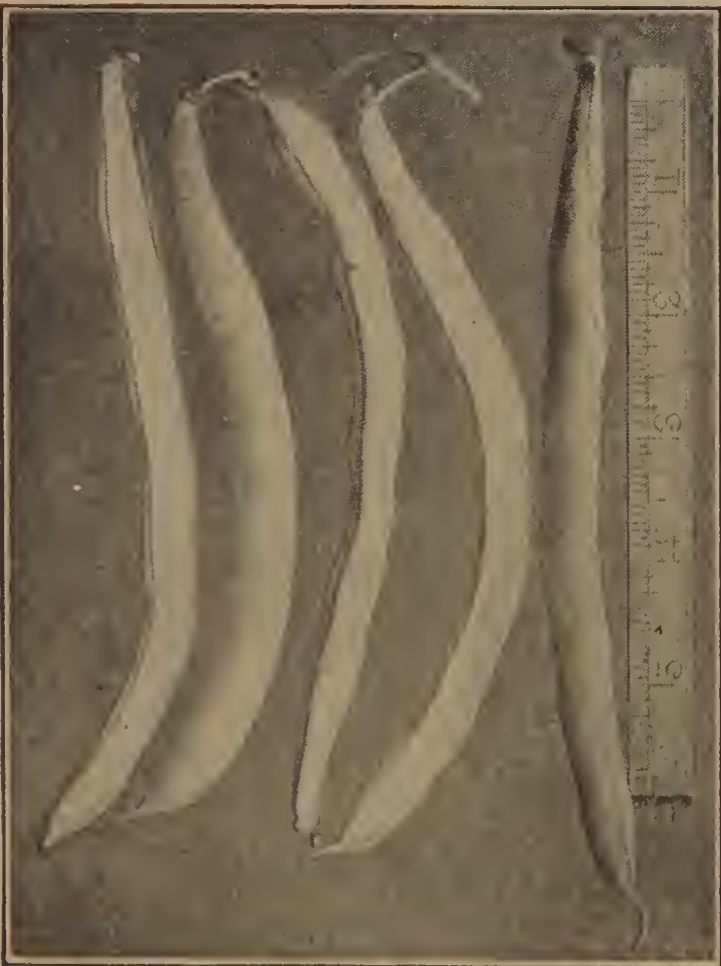
**BOUNTIFUL.** A favorite throughout the Northwest for its earliness, hardiness, and productivity. The light green pods average 6 to 7 inches in length and are stringless, thick, flat, slightly fibrous, and of excellent quality. Its hardiness and yield under adverse conditions are its best qualities. Pkt., 5c;  $\frac{1}{4}$  lb., 12c;  $\frac{1}{2}$  lb., 20c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., 1.70.

Mr. Hunt of the Fairbanks Land Office gave me a pound each of Bountiful Beans and Alpha Clover. They both did well, the beans produced a large crop of good quality, some as large as 7 inches long and about  $\frac{3}{4}$  inch wide; the clover about 18 inches high.

E. I. Bennett,  
Fairbanks, Alaska



Bountiful.



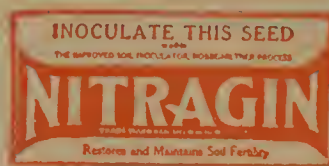
Pencil Pod Black Wax.

Bohnen  
(Ger.)

**Will's Beans**

Boenner  
(Scan.)

*Belong in Every Garden*



See Page 77

**CULTURE:** Beans should not be planted until the ground is warm, as cold and wet weather will cause the seed to rot. For garden culture plant four or five seeds in hills one foot apart, and the rows 18 inches apart. For field culture make the rows three or three and one-half feet apart, and cover with two inches mellow soil. Do not hoe or cultivate while the plants are wet with dew or rain, as getting the leaves bespattered with earth causes rust, which injures the crop. One pound of beans is a little more than one pint.

## DWARF OR BUSH BEANS GREEN PODDED

## WAX PODDED BEANS

**PENCIL POD BLACK WAX.** Very desirable for home and market garden, hardy, productive and of finest quality. The round golden yellow pods are fleshy, brittle, stringless and very tender. Pkt., 5c;  $\frac{1}{4}$  lb., 12c;  $\frac{1}{2}$  lb., 20c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.70.

**SIoux STRINGLESS WAX.** A fine, round podded wax Bean, rich cream yellow, straight, crisp and stringless at all stages. Equal to Pencil Pod Black Wax in quality with straighter pods, lighter colored seed and heavier yield. Pkt., 5c;  $\frac{1}{4}$  lb., 13c;  $\frac{1}{2}$  lb., 22c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90.

**UNRIVALED WAX.** Exceptionally attractive, flat but fleshy podded, light yellow, brittle, stringless and fine textured sort. Pkt., 5c;  $\frac{1}{4}$  lb., 13c;  $\frac{1}{2}$  lb., 22c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.10; 10 lbs., \$2.00.

**NEW KIDNEY WAX.** A productive and high quality mid-season variety, stringless, fiberless, very fleshy and brittle. The flat pods average 6  $\frac{1}{2}$  inches long and are an attractive, clear yellow in color. Pkt., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.20.



## DWARF OR BUSH BEANS—WAX PODDED

**SURE CROP STRINGLESS or BOUNTIFUL WAX.** A heavy yielding, disease resistant, and delicious wax Bean. The long, golden pods are thick-flat, meaty, brittle, strictly stringless, and of fine texture and quality. Pkt., 5c;  $\frac{1}{4}$  lb., 12c;  $\frac{1}{2}$  lb., 20c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.70.

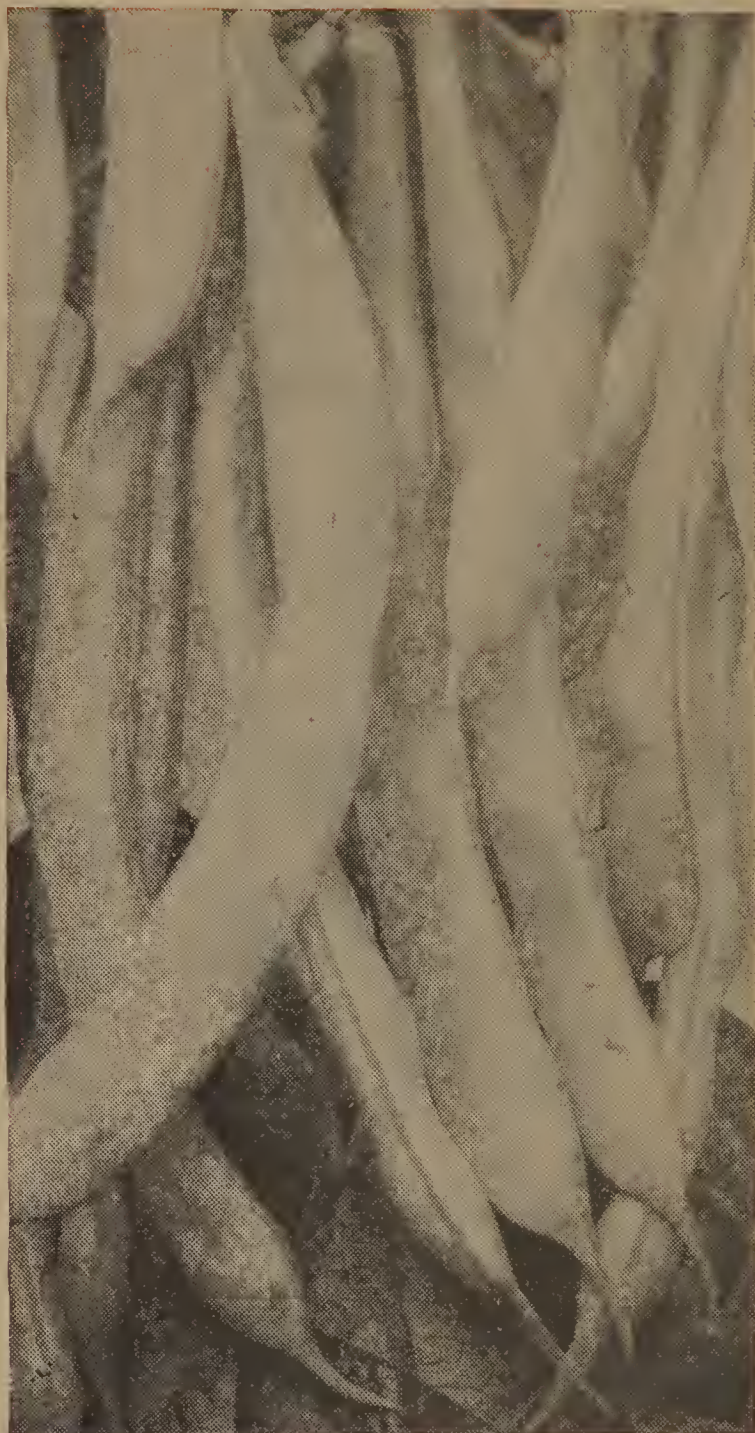


Sure Crop Stringless Wax.



For Better Yields Treat Beans with Nitragin. A 10c Package Will Treat Up to 4 lbs. of Seed

**IMPROVED GOLDEN WAX.** This is the very finest selected strain of Golden Wax bean, and has for years been our most popular sort. It seems to be especially suited to Northwestern climatic conditions. Pods are large, fleshy, and entirely stringless. Color is a bright golden. A very early sort, and highly rust resistant. Pkt., 5c;  $\frac{1}{4}$  lb., 12c;  $\frac{1}{2}$  lb., 20c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.70.



Improved Golden Wax.

## SHELL or SNAP BEANS

**ENGLISH BROAD WINDSOR.** The broad bean is one of the common household vegetables in Great Britain and on the Continent of Europe, and is very much esteemed there. This is the heaviest cropping broad bean. Delicious either cooked fresh or as a Winter shell bean. Pkt., 10c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.20.

**DWARF HORTICULTURAL or CRANBERRY.** The old fashioned New England snap and shell Bean, and you haven't tasted succotash until you have tried building it around this Bean. The pods are about 5 inches long, flat, almost stringless, greenish-yellow splashed with carmine. The seeds are deep buff, streaked with dark red. Pkt., 5c;  $\frac{1}{4}$  lb., 13c;  $\frac{1}{2}$  lb., 22c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90.



Jackson Wonder Bush Lima.

## LIMA BEANS

**FORDHOOK BUSH LIMA.** The best large podded Dwarf Lima. Pods of good length and contain from 4 to 5 large, thick, white beans. A wonderful producer and of excellent quality. Pkt., 10c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.20.

**JACKSON WONDER BUSH LIMA.** This small seeded, calico colored Bush Lima is as early and dependable as any Lima Bean we have ever had in our trials. Pkt., 5c;  $\frac{1}{4}$  lb., 13c;  $\frac{1}{2}$  lb., 22c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90.

**HOPI LIMA.** A very early and hardy vining sort with small, white, fine flavored Beans. It is as early as Jackson Wonder and very productive. Pkt., 5c;  $\frac{1}{4}$  lb., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.30.





Great Northern Beans  
(Natural Size).

## POLE BEANS

**KENTUCKY WONDER WAX.** The best pole wax bean for northern planting. The light yellow pods are 8 to 9 inches long, thick, very fleshy and brittle. This is one of the earliest of the pole sorts. Pkt., 5c;  $\frac{1}{4}$  lb., 13c;  $\frac{1}{2}$  lb., 22c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90.

**KENTUCKY WONDER or OLD HOMESTEAD.** The most popular green-podded climbing bean. The pods are 8 to 9 inches long, fleshy, curved, tender and of good quality. The old reliable. Pkt., 5c;  $\frac{1}{4}$  lb., 11c;  $\frac{1}{2}$  lb., 19c; 1 lb., 30c, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., \$1.50.

## Field Beans

### GREAT NORTHERN—The Best Baking Bean

Every one knows the Great Northern Beans, but few know that the seed was originally obtained over fifty years ago by Oscar H. Will from Son of a Star, an Hidatsa Indian, by whose tribe it had been grown for many years. Hardy, a heavy yielder and early, it is much more tender and more quickly cooked than the Navy Bean, and one of the most largely grown field Beans.

**GREAT NORTHERN—IDAHO NO. 56.** (See inside front cover for picture.) A great improvement over the standard Great Northern in earliness, yield and uniformity of seed. Pkt., 5c;  $\frac{1}{4}$  lb., 13c;  $\frac{1}{2}$  lb., 22c; 1 lb., 35c, postpaid.

**GREAT NORTHERN.** A good standard stock.  $\frac{1}{4}$  lb., 8c;  $\frac{1}{2}$  lb., 14c; 1 lb., 25c, postpaid. Not prepaid, 10 lbs., \$1.25; 100 lbs., \$10.00.

**HIDATSA RED.** A heavy yielding, hardy and excellent baking Bean. The seed is red in color and similar to the Great Northern in shape. Pkt., 5c;  $\frac{1}{4}$  lb., 11c;  $\frac{1}{2}$  lb., 19c; 1 lb., 30c, postpaid. Not prepaid, 10 lbs., \$1.75.



Mary Washington Asparagus.

Spargel (Ger.)

## Asparagus

Asparges (Scan.)

**Culture.** One ounce will sow 100 feet of row. Soak seed for 24 hours before planting 1 inch deep in rows 1 foot apart. When 1 year old set plants in permanent beds. Work soil to depth of 16 inches, manure heavily, and set roots 2 feet apart in the row with rows 4 feet apart and crowns 4 inches below the surface.

**MARY WASHINGTON.** The very vigorous and rust resistant variety developed by the U. S. Department of Agriculture. A heavy yielding pedigreed strain, with large rich, dark green stalks. About 225 seeds to a packet. Pkt., 8c; oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.00, postpaid.

## ASPARAGUS ROOTS

**MARY WASHINGTON.** Price, postpaid, doz., 35c; 50, \$1.00; 100, \$1.75. F. O. B. here, 50, 90c; 100, \$1.65; 1,000, \$12.00.

Blätterkohl (Ger.)

## BORECOLE OR KALE

Greenkaal (Scan.)

**GREEN CURLED or SCOTCH.** This is more hardy than cabbage and makes excellent greens for Fall and early Spring. A good frost improves the quality. About 1,300 seeds to the packet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 55c; 1 lb., \$1.00, postpaid.

Rosenkohl (Ger.)

## BRUSSELS SPROUTS

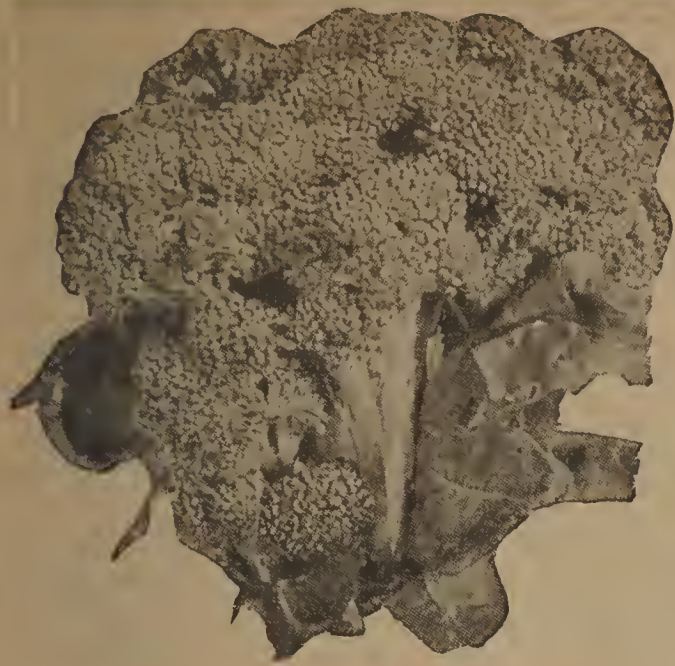
Rosenkaal (Scan.)

**LONG ISLAND IMPROVED.** Undoubtedly the best and most dependable sort of this most delicately flavored of the Cabbage family. This variety is the earliest, most dwarf and compact. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00.

## GARLIC

**BAVARIAN.** Lb., 36c; 5 lbs., \$1.40, postpaid.





Green Sprouting Broccoli.

Spargelkohl (Ger.)

BROCCOLI

Broccoli-Kaal (Scan.)

**ITALIAN GREEN SPROUTING.** A distinct variety forming a large solid head, which remains green. When the central head is cut, numerous sprouts develop from the leaf axes, each sprout terminating in a small green head. Cooked as is cauliflower, it is very easily grown, one of the most delicious green vegetables, and decidedly worth trying. Pkt., 10c; ½ oz., 30c; oz., 50c.

CHICORY  
WITLOOF

or  
French Endive

Used extensively for winter salads. The parsnip shaped roots are reset for winter forcing and the attractive, compact blanched heads are very pleasantly flavored. Pkt., 10c; oz., 25c.

Garten-Kresse  
(Ger.)

Cress

Karse  
(Scan.)

**UPLAND.** Its leaves impart an agreeable and pungent taste to salads, and are also used for garnishing. About 1700 seeds to the packet. Pkt., 10c; oz., 25c; ¼ lb., 75c, postpaid.

Endivien  
(Ger.)

Endive

Endivie  
(Scan.)

**MAMMOTH GREEN CURLED.** The standard variety with finely divided leaves which give the plant a mossy appearance. Endive is coming rapidly into favor for greens because of its excellent flavor. About 1400 seeds to the packet. Pkt., 5c; oz., 12c; ¼ lb., 45c, postpaid.

**BROAD LEAVED BATAVIAN or ESCAROLE.** One of the best varieties for salads. Pkt., 5c; oz., 10c; ¼ lb., 35c, postpaid.

## MUSHROOM SPAWN

**Bottle Spawn.** One bottle will plant 35 to 40 square feet of bed or about five times as much as one brick. Catches quicker and handles easier than brick spawn. Bottle Spawn is shipped removed from glass containers. Per bottle, 90c, postpaid.

Schnittlauch  
(Ger.)

Chives

**SCHNITTLAUCH (Grass Onion).** The decorative perennial plants grow about ten inches high and the tops, which may be cut frequently, are used in salads and for flavoring soups and stews. About 1200 seeds to the packet. Pkt., 10c; oz., 50c. To those preferring to set out plants we offer Clumps: Each, 25c; 3, 70c, postpaid.

Feldsalat  
(Ger.)

Corn Salad

Vaarsalat  
(Scan.)

**LARGE ROUND-LEAVED.** This is a small, quick growing salad plant for late Fall or early Spring. It may also be cooked for greens. About 300 seeds to the packet. Pkt., 10c; oz., 19c; ¼ lb., 50c, postpaid.



Blackie Egg Plant

Eierpflanze  
(Ger.)

Eggplant

Aegplante  
(Scan.)

This seed is treated with Red Copper Oxide to eliminate seed born disease and to aid germination and early growth.

**Culture:** Sow the seed (which is slow to germinate) in hotbed or indoors in boxes early in spring. When all danger of frost is past, transplant in open ground 2 by 3 feet apart.

**BLACKIE.** This origination of the Central Experiment Farm, Ottawa, Canada, is a cross between Black Beauty and Extra Early Dwarf Egg Plants. The result is a commercially valuable Egg Plant, much larger than Extra Early Dwarf and very much earlier than Black Beauty. This new sort is the earliest good sized Egg Plant. Pkt., 10c; oz., 50c; ¼ lb., \$1.60, postpaid.

**EXTRA EARLY DWARF.** This is the earliest Egg Plant grown, ripening nearly two weeks before any of the late sorts. The fruit is small but delicious. This is an exceedingly satisfactory variety for our section. Pkt., 10c; oz., 40c; ¼ lb., \$1.35, postpaid.

**BLACK BEAUTY.** Until the introduction of Blackie this was the earliest of the large type Egg Plant. The fruit is a very uniform dark purple, the size is large and uniform and the color and texture hold for an unusually long time. Pkt., 10c; oz., 35c; ¼ lb., \$1.15, postpaid.

For Egg Plant plants See Page 56

Lauch  
(Ger.)

Leek

Purre  
(Scan.)

**LARGE LONDON or FLAG.** Sow early in a bed. When 6 inches high, trim off tops and transplant in rows 4 inches apart. About 1200 seeds to the packet. Pkt., 10c; oz., 20c; ¼ lb., 60c, postpaid.

Ocher  
(Ger.)

Okra

Hibiskus  
(Scan.)

**DWARF GREEN.** A southern vegetable that is not difficult to raise in North Dakota. Start plants inside and transplant after frost is over. This is the earliest variety. About 70 seeds to the packet. Pkt., 5c; oz., 10c; ¼ lb., 25c, postpaid.

Knoll Kohl  
(Ger.)

Kohl-Rabi

Kaalrabi  
(Scan.)

**EARLY WHITE VIENNA.** This best Kohl-rabi for table use is extra early and easily grown. The very light green or nearly white bulbs are firm and distinctly sweet, and when cooked are crisp, tender and most delicate and tasty. Pkt., 5c; oz., 20c; ¼ lb., 60c.



Early White Vienna Kohl-Rabi



Mangel Wurzel  
(Ger.)

# Mangels or Stock Beets

Runkelroe  
(Scan.)

A cheaply produced, heavy yielding, highly valuable feed for stock and poultry.

**Culture.** Sow in May or early June in deep mellow soil, about 1½ inches deep, in rows 1½ to 2 feet apart. Four to six pounds are required to the acre.



Golden Giant Mangel

**GOLDEN GIANT or DANISH SLUDSTRUP.** A very high yielder, the long, oval roots are reddish yellow with white flesh, growing more than half above ground and easily harvested. Oz., 8c; ¼ lb., 20c; ½ lb., 33c; 1 lb., 55c, postpaid. Not prepaid, 5 lbs., \$2.25.

**MAMMOTH LONG RED.** The heaviest yielder and most popular of all Mangels. The light red roots are pinkish fleshed and grow well out of ground. Yields run as high as fifty tons to the acre. Oz., 8c; ¼ lb., 20c; ½ lb., 33c; 1 lb., 55c, postpaid. Not prepaid, 5 lbs., \$2.25.

**RED ECKENDORF.** The very large roots are thick and cylindrical, blunt and grow partly above ground. The skin is red and the flesh white. One of the best varieties. Oz., 8c; ¼ lb., 20c; ½ lb., 33c; 1 lb., 55c, postpaid. Not prepaid, 5 lbs., \$2.25.

**GIANT HALF SUGAR ROSE.** The long, oval, white fleshed roots are white skinned with rose-colored shoulder. This type combines in considerable degree the sugar content of the sugar beet and the size of the mangel. Oz., 8c; ¼ lb., 20c; ½ lb., 33c; 1 lb., 55c, postpaid. Not prepaid, 5 lbs., \$2.25.

**GOLDEN TANKARD.** A variety noted for its milk producing properties. The cylindrical roots grow well out of the ground and yield well on light soil. The flesh is yellow zoned with white. Oz., 8c; ¼ lb., 20c; ½ lb., 33c; 1 lb., 55c, postpaid. Not prepaid, 5 lbs., \$2.25.



Mammoth Long Red Mangel

## Sugar Beet

**KLEIN WANZLEBEN.** The most desirable and extensively grown Sugar Beet. The roots are wedge shaped, 12 to 15 inches long, and about 4 inches thick at the shoulder. The skin is grayish white and the flesh pure white. With very high sugar content and good keeping qualities, this is not only a source of sugar, but an excellent stock food and milk producer. Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 35c; 1 lb., 60c, postpaid. Not prepaid, 5 lbs., \$2.40.

## Swiss Chard

Beisskohl (Ger.)  
Bladbede (Scan.)

**LUCULLUS.** To our mind the best vegetable that can be raised for greens. The crumpled, rich green outside leaves are picked off and the plant yields a constant crop from July well into September. The leaves are large and picking a mess of Swiss Chard for greens is short work. The thick broad stems may be cooked like asparagus or used for pickles. This is the most popular sort and gives big returns with little care. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 80c, postpaid.



Swiss Chard Lucullus

We shall appreciate notification by our customers of any change in address or duplication of catalogs.



Rübe  
(Ger.)**BEETS**Roedbede  
(Scan.)

**Culture:** Sow from April 15th to July 15th, covering 1 inch deep. Thin to 4 to 5 inches apart in the row. Thinning can be done gradually for greens and small beets. One ounce will sow 75 feet of row; six pounds, an acre. About 450 seeds in a packet.

**WILL'S IMPROVED BLOOD TURNIP BEET.** This is an exceptionally fine strain of Crosby's Egyptian. The roots are somewhat flattened though globular, and the skin a very dark red in color. The flesh is of a slightly lighter shade and lightly zoned. The best first early Beet and a good keeper. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; lb., 90c, postpaid. Not prepaid, 5 lbs., \$3.85.

**GOOD FOR ALL.** Especially fine for canning and pickling whole when  $1\frac{1}{4}$  to  $1\frac{1}{2}$  inches in diameter, but equally good for table use fully grown and 3 inches across. The roots are very even in color, size and shape, almost perfectly globular and a deep crimson inside and out. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; 1 lb., \$1.25, postpaid. Not prepaid, 5 lbs., \$5.00.

Small young Beets cooked with their equally tender tops are delicious.



Early Wonder Beet

Detroit  
Dark Red  
Beet

**DETROIT DARK RED.** The best main crop Beet. The roots are smooth, medium size, globe-shaped. The skin is a dark blood red and the flesh is a solid vermilion-red with no zoning. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; lb., 90c, postpaid. Not prepaid, 5 lbs., \$3.85.

**LONG SMOOTH BLOOD.** Best of the long garden Beets; drought resistant, a very good keeper and grows until late in the Fall. Excellent for sod planting. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; lb., 90c, postpaid.

**EARLY WONDER or BOSTON CROSBY.** This selection from Crosby's Egyptian is not as early as the Will's Improved. The roots are very uniform and more nearly globe-shaped with very small top and tap root, dark red skin with deep blood-red flesh and very little zoning. A very popular variety with market gardeners and unexcelled for the home garden. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; lb., 90c, postpaid. Not prepaid, 5 lbs., \$3.85.

I want to tell you that we have gotten more pleasure from your seeds and shrubs and the way you do your packing. They all come through beautiful, and as to your catalog it's a beauty and it's too bad our space won't let us get more.

W. C. GRAHAM, Gull Cove, Idaho Inlet, Alaska.



Will's Improved Blood Turnip

**OHIO CANNER.** This deep blood red Beet is free from zoning, flattened globe in shape, uniform in growth, tender, sweet, and the most handsome Beet when canned that we know. A desirable sort for all purposes. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 60c; 1 lb., \$1.00, postpaid. Not prepaid, 5 lbs., \$4.35.



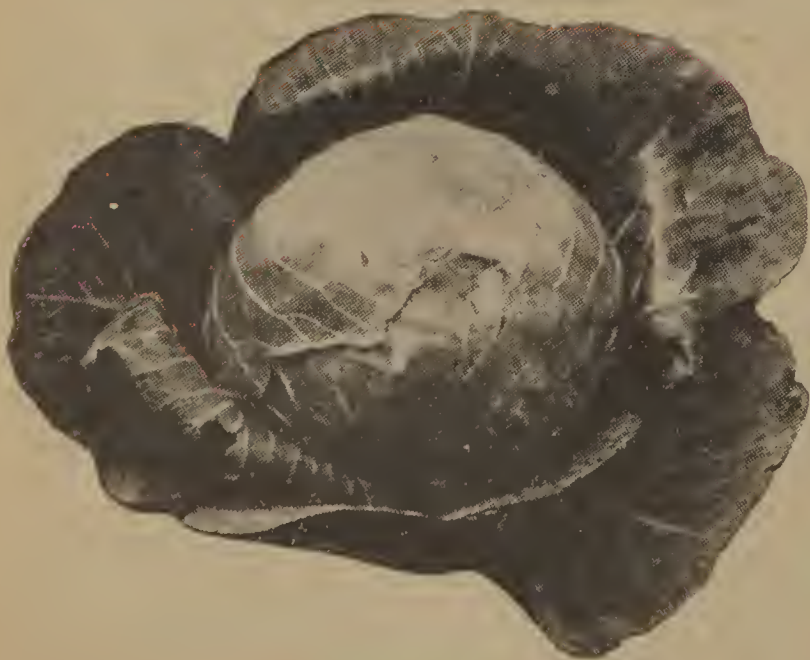


Copenhagen Market.

**COPENHAGEN MARKET.**

This is in our opinion the heaviest yielding and best quality Cabbage that can be grown. A dependable yielder of smooth, round, even sized heads, valuable for either extra early or main crop use. The plant is short stemmed and compact, leaves medium light green, and the heads average about 4 pounds. Our strain is absolutely the best obtainable. Pkt., 5c; oz., 20c; ¼ lb., 70c; ½ lb., \$1.25; 1 lb., \$2.25, postpaid.

Your seeds are always satisfactory. I've used them 30 years. Mathew McAdam, Cleveland, Montana.



Will's Early June.

Kraut  
(German)

Hoved Kaal  
(Scandinavian)

**Cabbage**

**Culture:** For early plants sow seed in boxes indoors or in hot bed, allowing 6 to 7 weeks from sowing to setting in the open ground. Some recommend planting the seeds in the field, 3 or 4 seeds to a hill and leaving the strongest plant. One ounce of seed will produce from 1500 to 2000 plants in open ground, 3000 in frames. 4 to 6 ounces of seed is required to produce plants for an acre. About 1,000 seeds in a packet.

**Early Varieties**

For early use we recommend especially Golden Acre and Copenhagen Market; for late use, Danish Ballhead.



Golden Acre.

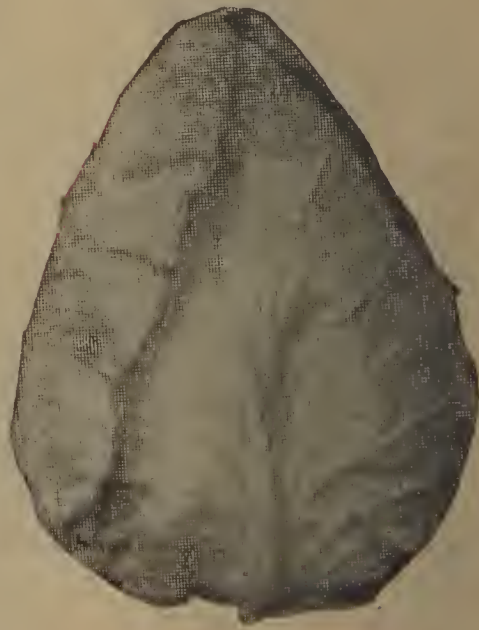
**GOLDEN ACRE**

Earliest of All

**GOLDEN ACRE.** Earliest of All. Of the Copenhagen Market type, but ten days earlier, this is the earliest round headed Cabbage. The plants are dwarf and compact. The heads weigh about 3 pounds, are round as balls, solid, very uniform and sweet. If you want the earliest Cabbage and the top prices that go with it, plant Golden Acre. Pkt., 10c; oz., 30c; ¼ lb., 95c; ½ lb., \$1.70; 1 lb., \$3.25, postpaid.

**EARLY JERSEY WAKEFIELD.** A standard widely grown and very popular extra early variety. The conical heads are solid and the small outer leaves permit close planting. Pkt., 5c; oz., 20c; ¼ lb., 55c; ½ lb., \$1.05; 1 lb., \$2.00, postpaid.

**WILL'S EARLY JUNE.** The earliest flat headed Cabbage, making fair sized, solid and shapely heads within 70 days from seed. The plant is vigorous, stands heat and is particularly desirable for the northwest. Pkt., 5c; oz., 25c; ¼ lb., 75c; ½ lb., \$1.45; 1 lb., \$2.75, postpaid.



Early Jersey Wakefield.

Have used your seeds for 23 years and always expect to. A. Dale Amsbaugh, Zahl, N. Dak.

FOR CABBAGE PLANTS, SEE PAGE 56.



## More Early CABBAGE

**EARLY WINNIGSTADT.** Hardy, and the hardest header of any of the early Cabbages, the dark green heads are broad pointed, good keepers and of fine quality. This is a dependable old favorite. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., \$1.05; 1 lb., \$2.00, postpaid.

**GLORY OF ENKHUIZEN.** Attractive globe shaped heads, exceptionally firm and solid, and weighing from 6 to 8 pounds. A good keeper, largely planted for medium early and main crop, and fine for kraut. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., \$1.05; 1 lb., \$2.00, postpaid.



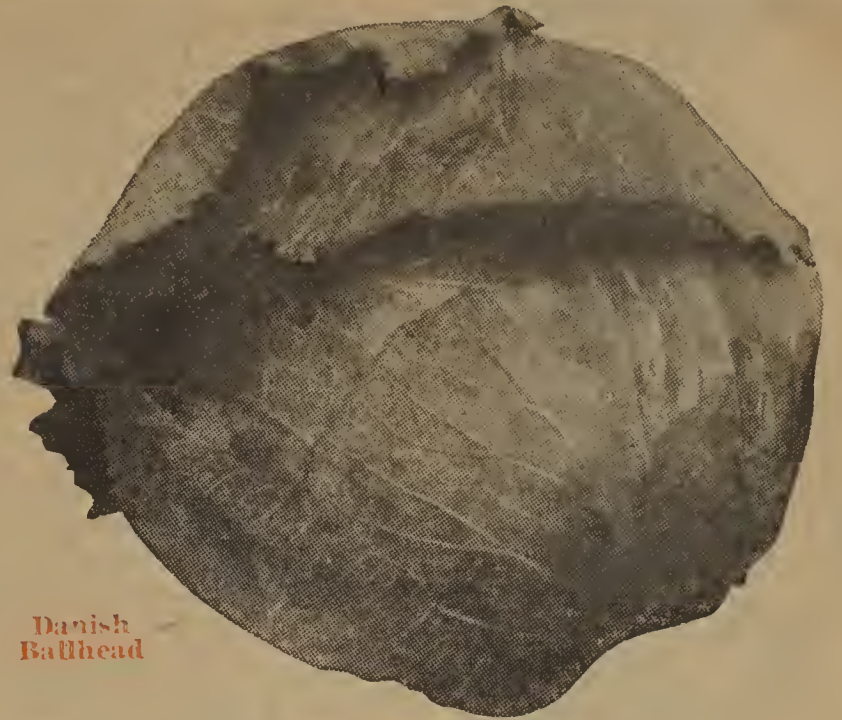
Glory of Enkhuizen

**CORNELL EARLY SAVOY-ODORLESS.** See inside front cover for colored illustration. The Savoyes are of better quality than the smooth leaved Cabbages and should be more generally grown. This is the earliest of the type with round, medium sized heads whose much crumpled dark green leaves are of distinct and delicate flavor. Developed by Prof. C. H. Meyers and the Cornell University Experiment Station, add to its other good points the fact that it is practically odorless in cooking. Pkt., 15c;  $\frac{1}{2}$  oz., 30c; oz., 50c;  $\frac{1}{4}$  lb., \$1.75, postpaid.



CHIH LI, CHINESE CABBAGE

**Chinese Cabbage**  
**CHIH LI—SUREHEAD STRAIN.** The earliest and surest heading Chinese Cabbage. The cylindrical heads are from 18 to 20 inches in length, white, solid, sweet and tender. Best results are obtained in this section by planting about June 20th. Well grown heads will weigh from 2  $\frac{1}{2}$  to 6 pounds. Rapidly increasing in popularity, this vegetable is an excellent salad plant and fine when boiled as you would Cabbage. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., 95c; 1 lb., \$1.75, postpaid.



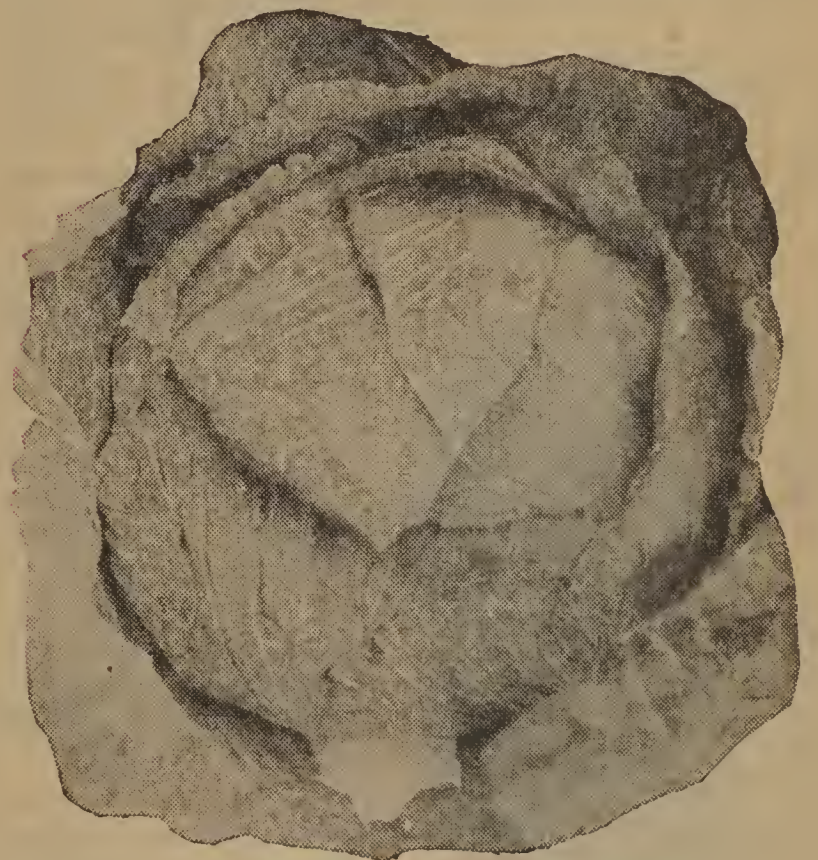
Danish Ballhead

## Late Varieties

**DANISH BALLHEAD—Short Stem or Hollander.**

This variety is one of our specialties and the most widely used and finest late Cabbage grown. Very hardy, the deep round, pale blue-green heads weight from 6 to 7 pounds, are crisp, tender and sweet, and of finest quality. This variety is outstanding for its solidity and fine keeping qualities. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.30; 1 lb., \$2.50, postpaid.

**RED DRUMHEAD.** The largest and best red Cabbage. A sure header, the heads are round, solid, and deep red in color to the center. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c, postpaid.



Will's Selected Premium Flat Dutch

**WILL'S PREMIUM FLAT DUTCH.** The largest of the late varieties, low growing and a sure header, the most popular late flat heading sort. The flattened heads are bluish green in color, solid, of handsome appearance and fine quality. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., \$1.00; 1 lb., \$1.85, postpaid.

**PROTECT YOUR PLANTS.** Purchase Will's BUGEX with your seeds. Dust early and often. See Page 75.

You will find Paper Pots and Plant Bands on Page 79.





Coreless Carrot

known second early half long sort, a great yielder and a first class carrot for all soils. The roots are smooth, from 6 to 8 inches long, tapering to a blunt point, a deep orange in color, with close texture flesh and little core. Although the roots are comparatively short, they yield as heavily as the large sorts. Pkt.,

5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; 1 lb., 75c, postpaid. Not prepaid, 5 lbs., \$3.00.

**IMPROVED LONG ORANGE.** An old standard heavy cropping sort, the orange red roots grow 10 to 12 inches long and 3 inches thick at the shoulder, tapering to a point, smooth, sweet, fine grained and a good keeper.

Pkt., 5c; oz., 10c  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; 1 lb., 80c, postpaid. Not prepaid, 5 lbs., \$3.25.

**CHANTENAY or MODEL.** This is an excellent medium early half-long, stump rooted variety. The roots are smooth and are from 5 to 6 inches long, with rich orange-red flesh of the finest quality. It is a great favorite with market gardeners. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; 1 lb., 75c, postpaid. Not prepaid, 5 lbs., \$3.00.

**MASTODON or SHORT WHITE.** The best white carrot, a very heavy yielder, and used wholly for stock. The pure white roots are about 8 inches long and 3 inches thick at the shoulder, tapering to a point. This is a remarkably efficient feed for all live stock. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; 1 lb., 75c, postpaid. Not prepaid, 5 lbs., \$3.00.

We have used your seeds for over 30 years, in North Dakota, Washington and British Columbia, Canada. Always proved a good crop.

W. H. Van Woert, R. No. 1, Tonasket, Wn.

Carotten  
(Ger.)

Healthful

# CARROTS

Tasty

Gulerod  
(Scan.)

**Culture:** Plant  $\frac{1}{2}$  inch deep in well prepared soil, cultivate as soon as plants are well established, and thin to 3 or 4 inches apart in the row. Plantings may be made from early spring to the middle of June. 3 to 5 pounds to the acre. About 3,000 seeds in a packet.

**CORELESS.** The most strikingly handsome early carrot we know. The deep orange roots are exceptionally smooth, cylindrical, 6 inches long by  $1\frac{1}{2}$  inches in diameter, and free from woody heart or core. This is worth a trial. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 55c;  $\frac{1}{2}$  lb., 80c; 1 lb., \$1.40, postpaid.

**IMPERATOR or TENDERSWEET.** One of the finest varieties, always sweet, tender and brittle, the roots are from 7 to  $8\frac{1}{2}$  inches long, 2 inches in diameter at the shoulder and uniformly tapered to a semi-blunt end. The flesh is rich orange with indistinct core. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; 1 lb., 80c, postpaid. Not prepaid, 5 lbs., \$3.15.

**FRENCH FORCING.** The earliest variety, used largely for forcing. The tops are small and the roots almost round and about  $2\frac{1}{2}$  inches in diameter, orange-red in color. Pkt., 5c; oz., 13c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 70c; 1 lb., \$1.25, postpaid.



Danvers Half Long Carrot

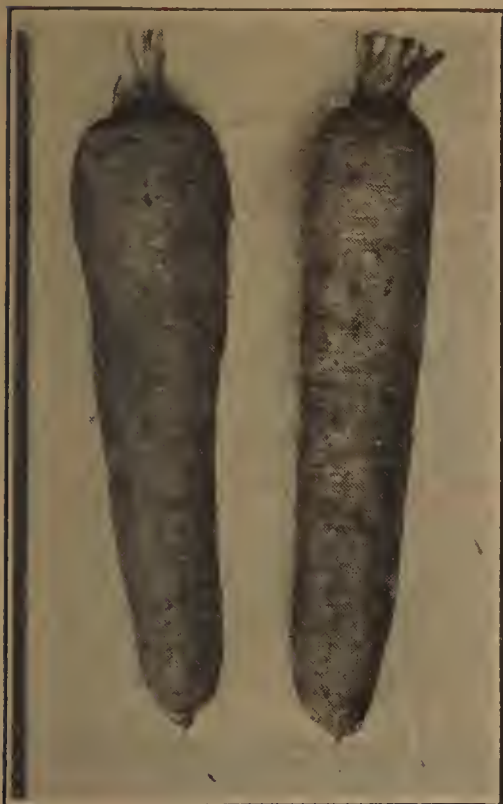


Chantenay Carrot



## CARROTS

**OXHEART or GUERANDE.** One of the most valuable and popular varieties. When fully grown the type is about 5½ inches long, 3½ inches thick at the shoulder and about 2 inches thick at the bottom. With bright orange flesh, fine grained and sweet, it is of fine quality for table use and equally good for stock. It is very easily dug or pulled and is probably our heaviest yielding carrot. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; 1 lb., 75c, postpaid. Not prepaid, 5 lbs., \$2.90.



Pride of Denmark Carrots.

**PRIDE OF DENMARK.** A very productive and high quality carrot. The nearly coreless, deep orange roots are from 8 to 9 inches long, and nearly the same size throughout their entire length. The flesh is tender and of the finest quality. In our nursery plantings this variety has yielded the most even and best flavored carrots we have grown. In raising the seed of this Danish strain, every root is dug, inspected for trueness to type, and either rejected, or transplanted to produce the seed crop. Pkt., 10c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.75, postpaid.



Oxheart Carrots.

Blumenkohl  
(Ger.)

## Cauliflower

Blomkaal  
(Scan.)

One of the Most Profitable Crops for Market and Small Gardeners

**CULTURE:** Cauliflower culture is practically the same as that of Cabbage. One ounce of seed will produce 1500 to 2500 plants. Allow 6 weeks from time of sowing indoors or in hotbed to setting plants in the field in the latter half of May or early June. Gather and tie tops of leaves loosely together as soon as the heads begin to form. About 240 seeds to the packet. Our pedigreed Danish grown cauliflower seed is the best you can buy anywhere.

### QUARTER AND HALF OUNCES AT OUNCE RATE



DanAmerica Super Snowball.

**DANAMERICA SUPER SNOWBALL.** This Danish introduction is one of the earliest sorts. The plants are short stemmed with profuse foliage protecting the heads. The heads are deep, very firm, very heavy and snow white—wonderfully uniform and tender. Under proper growing conditions this sort will yield practically one hundred percent Grade 1 heads, and seems adapted to a wider range of conditions than any other Cauliflower. Pkt., 20c; oz., \$2.50; ¼ lb., \$9.00.

I have been your customer for over 30 years and always have a good garden in spite of the very dry years lately and am glad to know where to get good seeds.

MRS. AMELIA TARVESTAD, Hendrum, Minn.

**SNOWBALL.** The most productive early variety that can be grown and very popular with those who grow for the market. This is the earliest Cauliflower we list and has given us exceptional results in our own plantings. The uniform, medium sized heads are pure white and of the finest quality. Pkt., 10c; oz., \$1.50; ¼ lb., \$5.50.

**DANISH PERFECTION.** This is not quite as early as our extra early strain of Snowball, maturing a week or ten days later. This sort develops heavier foliage than the Snowball, making better protection for the heads. The heads are very firm, solid, and snow white. This is a sure header. Pkt., 10c; oz., \$1.50; ¼ lb., \$5.50.

**LARGE EARLY ERFURT.** One of the leading varieties for market and private use. For reliability of heading, size and solidity of head, it has no superior. The plants are dwarf, and while the outer leaves are erect, the inner ones lap over the heads, fully shading them from the sun and preserving them a beautiful snowy white. Pkt., 10c; oz., \$2.00; ¼ lb., \$7.00.

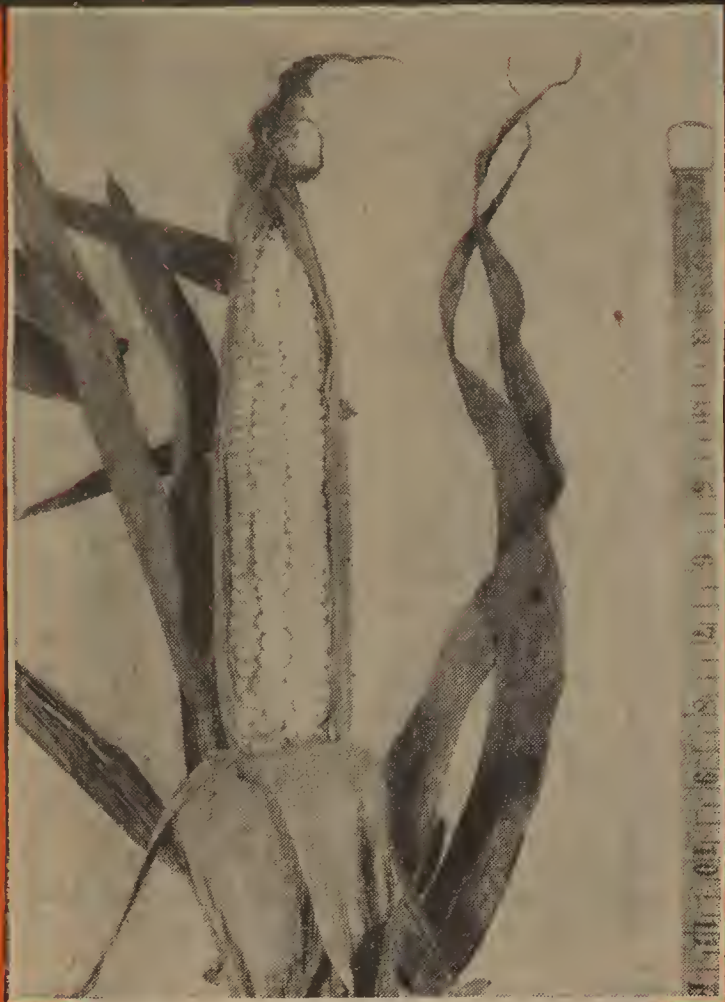
**DRY WEATHER or DANISH GIANT.** This variety is two weeks later than our strain of Snowball, of heavier growth, with larger heads. It will stand more hot, dry weather than any other sort of its season. Pkt., 10c; oz., \$1.50; ¼ lb., \$5.50.

For Cauliflower Plants, See Page 56.



Mais  
(Scan.)**EARLIEST  
HARDIEST  
QUALITY**

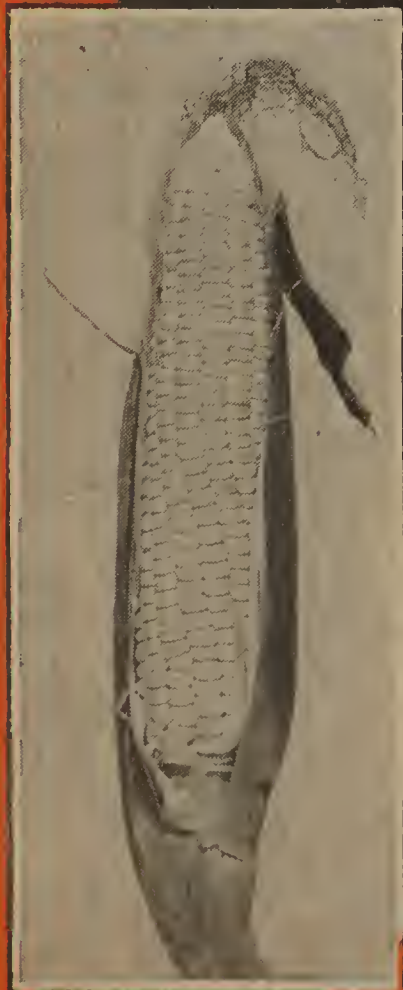
# SWEET CORN

**OUR  
SPECIALTY**Mais  
(Ger.)

## GOLDEN GEM

**GOLDEN GEM.** The Earliest Golden Sweet Corn. Two weeks earlier than Golden Bantam and of Golden Bantam quality. The 8 rowed ears are 6 to 7 inches long, deep yellow and exceptionally sweet. Golden Gem should be in every home garden and is a money maker for the market gardener. Pkt., 5c; ¼ lb., 12c; ½ lb., 19c; 1 lb., 29c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.65; 50 lbs., \$7.50; 100 lbs., \$14.00.

## SUNSHINE



### SUNSHINE.

Larger and Earlier than Golden Bantam. A week earlier than Golden Bantam, the 12 to 14 rowed, golden yellow ears are 8 in. long, and broad, golden yellow kernels are very sweet and tender. Developed at the North Dakota Experiment Station by Professor A. F. Yeager. A great Corn for the home and market garden. Pkt., 5c; ¼ lb., 11c; ½ lb., 18c; 1 lb., 27c, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., \$1.45; 50 lbs., \$6.50; 100 lbs., \$12.00.

**CULTURE:** Plant in drills about 3 feet apart, one kernel every 8 inches; or in hills 3 to 3½ feet apart each way, dropping 4 or 5 kernels to a hill. Sweet Corn should not be planted until the ground is fairly warm. One-fourth pound to 100 hills; 8 pounds per acre. One pound of Sweet Corn is a little more than a pint.

## WILL'S SWEET CORN COLLECTION

This collection is designed to give Corn lovers the longest possible succession of roasting ears.

PICKANINNY  
GOLDEN GEM  
NUETTA

SUNSHINE  
GREAT PLAINS GOLDEN BANTAM  
STOWELL'S EVERGREEN

The Price of the Collection,  
Postpaid **50c**

## Varieties Listed in Order of Earliness

**PICKANINNY.** The Earliest Sweet Corn. Developed by a Canadian Experiment Station, the 8 to 10 rowed, very dark blue ears are of good quality. A Wonderful Home Garden Sort. Pkt., 5c; ¼ lb., 12c; ½ lb., 20c; 1 lb., 30c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.75; 50 lbs., \$8.00; 100 lbs., \$15.00.

## WILL'S EARLY JUNE

### WILL'S EARLY JUNE.

(Registered U. S. Patent Office.) The Earliest White Sweet Corn. A very dwarf and amazingly early variety bred by us for a short season, and a true and delicious Sweet Corn. The white, eight rowed ears are from 4½ to 6 inches long. Because of cut worm damage, our crop was nearly a failure and we can offer only: Pkt., 5c; ¼ lb., 16c, postpaid.



Just a word of praise for your Golden Gem Sweet Corn, Buttercup Squash and Bison Tomatoes. The Bison Tomatoes are truly wonderful for the amateur gardener.

MRS. TOM DAHL,  
Rock Lake, N. Dak.

**NUETTA.** The Hardest Sweet Corn, and The Most Productive Variety We Have. The dry seed is red, but when fit for table, the 7 inch long, 8 to 10 rowed ears are a rich golden yellow. Our original seed was obtained from a Mandan Indian 25 years ago. Nuetta yields well under harsh dry conditions, meets the requirements of the mountain country and gives excellent results in the moist climate of the Pacific Coast. Pkt., 5c; ¼ lb., 11c; ½ lb., 18c; 1 lb., 27c, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., \$1.45; 50 lbs., \$6.50; 100 lbs., \$12.00.

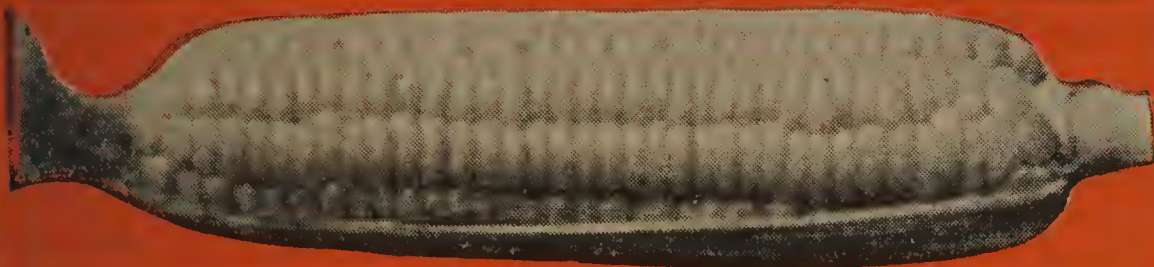


## NUETTA



# Northern Grown SWEET CORN Is Superior

**IMPROVED EARLY DAKOTA.** The largest of the extra early sorts, combining size with earliness. The white ears are 12 to 16 rowed, 7 to 8 inches long, born mostly two to a stalk, very uniform in maturing and of good quality. Pkt., 5c;  $\frac{1}{4}$  lb., 12c;  $\frac{1}{2}$  lb., 21c; 1 lb., 31c, postpaid. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.85; 50 lbs., \$8.50; 100 lbs., \$16.00.



## GREAT PLAINS GOLDEN BANTAM

**GREAT PLAINS GOLDEN BANTAM.** A recombination of a number of smut-resistant selfed strains. This corn has been developed for earliness, drouth resistance, vigor, smut resistance, short shanks and the characteristic of two ears to a stalk. Our stock seed was obtained from the Bureau of Plant Industry, Northern Great Plains Field Station, Mandan, N. Dak. It is far ahead of any other Golden Bantam we have seen. Pkt., 5c;  $\frac{1}{4}$  lb., 11c;  $\frac{1}{2}$  lb., 18c; 1 lb., 27c, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., \$1.45; 50 lbs., \$6.50; 100 lbs., \$12.00.

## GOLDEN BANTAM

**GOLDEN BANTAM.** The best and most popular Sweet Corn. It is the sweetest, most tender and delicious. The 8 rowed ears are 6 to 7 inches long and remain edible for a long time. A heavy producer, our Burleigh County grown strain is superior. Pkt., 5c;  $\frac{1}{4}$  lb., 10c;  $\frac{1}{2}$  lb., 17c; 1 lb., 25c, postpaid. Not prepaid, 5 lbs., 70c; 10 lbs., \$1.25; 50 lbs., \$5.50; 100 lbs., \$10.00.

## GOLDEN CROSS BANTAM

A heavy yielding, large eared hybrid developed at Purdue University in conjunction with the U. S. Department of Agriculture. About a week later than our Golden Bantam with very uniform ears, usually 16 rowed. This is resistant to Stewart's disease or Wilt. For best results the cross must be made each year and customers will do well not to save seed from their crop, but to purchase new seed each year. The increased yield will pay for it. Pkt., 10c;  $\frac{1}{4}$  lb., 16c;  $\frac{1}{2}$  lb., 26c; 1 lb., 43c, postpaid. Not prepaid, 5 lbs., \$1.75; 10 lbs., \$3.25.

## STOWELL'S EVERGREEN

**STOWELL'S EVERGREEN.** The Standard White Late Sweet Corn. The 8 inch ears are usually 16 rowed, with very sweet, deep, white kernels. Besides its table uses, the rank fodder that characterizes this variety makes it extremely valuable for the dairy herd. Pkt., 5c;  $\frac{1}{4}$  lb., 12c;  $\frac{1}{2}$  lb., 20c; 1 lb., 30c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.65; 50 lbs., \$7.50; 100 lbs., \$14.00.

All of our Sweet Corn is grown within 7 miles of Bismarck with the exception of Stowell's Evergreen. This is a safe crop here for table use and fodder, but not a sufficiently certain seed crop to be grown here.

I have been using your seed for over 25 years and have never found any seed that could compare with your seed. People praise my garden that it looks so nice.

### Golden Bantam

This is a safe crop here for table use and fodder, but not a sufficiently certain seed crop to be grown here.

MRS. BERT MULLET, Savage, Mont.



Stowell's  
Evergreen



Gurken  
(Ger.)

Agürk  
(Scan.)

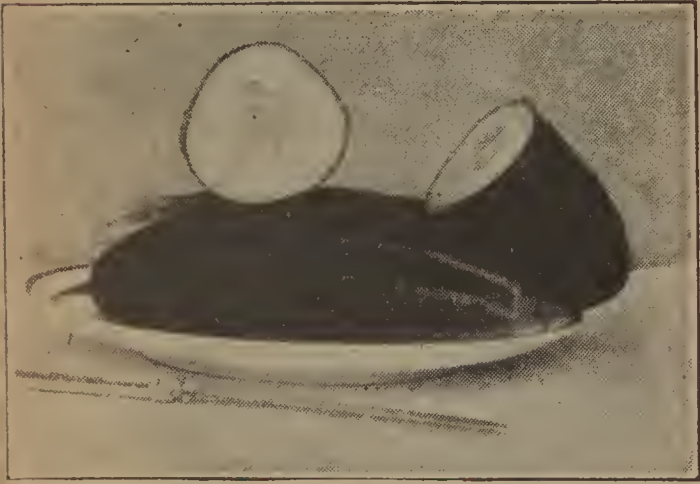
# Crisp CUCUMBERS

For Pickling and Slicing

**CULTURE:** As soon as the weather becomes warm and settled, plant one inch deep in well prepared soil in hills 4 or 5 feet apart each way with 8 to 10 seeds to a hill. Thin to 4 or 5 plants to the hill. Thorough but shallow cultivation is essential. One ounce of seed will plant about 80 hills.

**EXTRA EARLY SIBERIAN.** The Earliest and Hardest Cucumber. A heavy yielder and two weeks earlier than any other sort, the Cucumbers are 6 inches long by 2½ inches thick, somewhat russeted when ripe, of good quality and remaining fit for eating longer than most sorts. Our original seed was obtained from Dr. Buza of Poland. See inside front cover for colored picture. Pkt., 10c; oz., 35c.

**STRAIGHT EIGHT.** The most desirable slicing Cucumber, an All American Gold Medal Winner and an outstandingly heavy yielder. The uniform and attractive dark green Cucumbers are 8 inches long, straight and smoothly cylindrical, well rounded at both ends and about 2 inches in diameter. This is one of the best sorts and we offer seed grown by the originator. Pkt., 7c; oz., 14c; ¼ lb., 43c; ½ lb., 75c; 1 lb., \$1.40, postpaid.

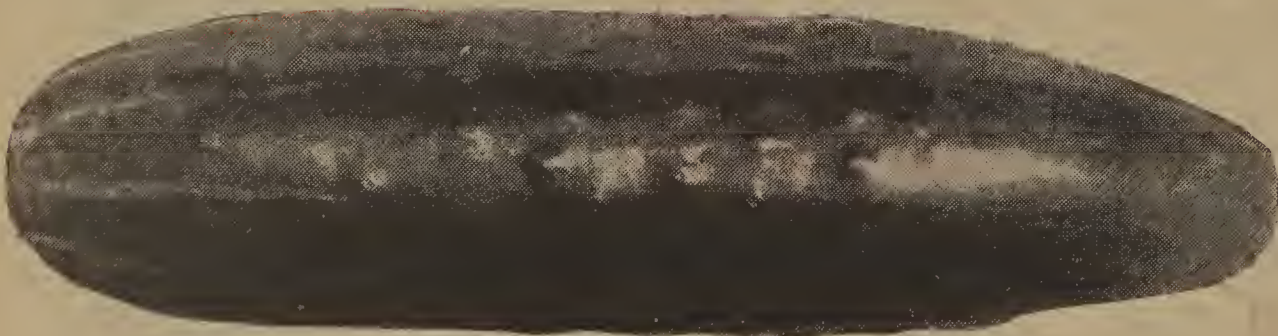


Earliest of All

**EARLIEST OF ALL.** The Earliest Standard Cucumber of Quality. Prolific and desirable, the deep green Cucumbers are 7½ inches long and 2½ inches thick. Of special value to those who wish to be first on the market and a fine home garden sort. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 90c, postpaid.

**ARLINGTON WHITE SPINE.** One of the earliest and most productive of the famous White Spine group. The medium dark green fruits are 8 to 9 inches long and 2½ inches through, rounded at the ends. Very popular as a market variety on account of its good keeping qualities and its uniformity of size and shape. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 90c, postpaid.

Arlington White Spine Cucumber



Improved Long Green Cucumber

**IMPROVED LONG GREEN.** The standard of slicing quality and unexcelled for pickles when small. The rich, dark green fruits average 12 inches long and about 3 inches through, with crisp, firm white flesh. This is one of the most popular sorts. Pkt., 5c; oz., 12c; ¼ lb., 38c; ½ lb., 65c; 1 lb., \$1.15, postpaid.

**DAVIS PERFECT.** A dark, glossy green, thick fleshed sort of fine quality. The Cucumbers average 10 inches long by 2½ inches thick, very tender, brittle with relatively few seeds. Pkt., 5c; oz., 11c; ¼ lb., 33c; ½ lb., 55c; 1 lb., \$1.00, postpaid.

**WHITE WONDER.** An ivory white symmetrical Cucumber of fine quality. The fruits are 7 to 8 inches long and 3 inches through, white at all stages of growth. Pkt., 5c; oz., 13c; ¼ lb., 40c; ½ lb., 70c; 1 lb., \$1.25, postpaid.

**WEST INDIA GHERKIN.** Used exclusively for pickles and distinct from all others. The pale green oval fruits are 2 inches long by 1¼ inches through, small seeded and covered with tender spines. Pkt., 5c; oz., 13c; ¼ lb., 40c; ½ lb., 70c; 1 lb., \$1.25, postpaid.

**EARLY CLUSTER.** An early, productive pickling type, borne in clusters. The medium green fruits are short and blunt ended. Pkt., 5c; oz., 11c; ¼ lb., 32c; ½ lb., 52c; 1 lb., 95c, postpaid.

**LONGFELLOW or CHINA LONG.** This Chinese variety is of finer quality than any other we have tried. The early, dark green fruits commonly reach 20 inches in length and average 2 inches in diameter. The flesh is firm, white, crisp and unexcelled for slicing. A fine home garden sort. About 90 seeds to the packet. Pkt., 10c; oz., 45c; ¼ lb., \$1.35, postpaid.



Over a yard of Longfellow grown by Frank Cosco

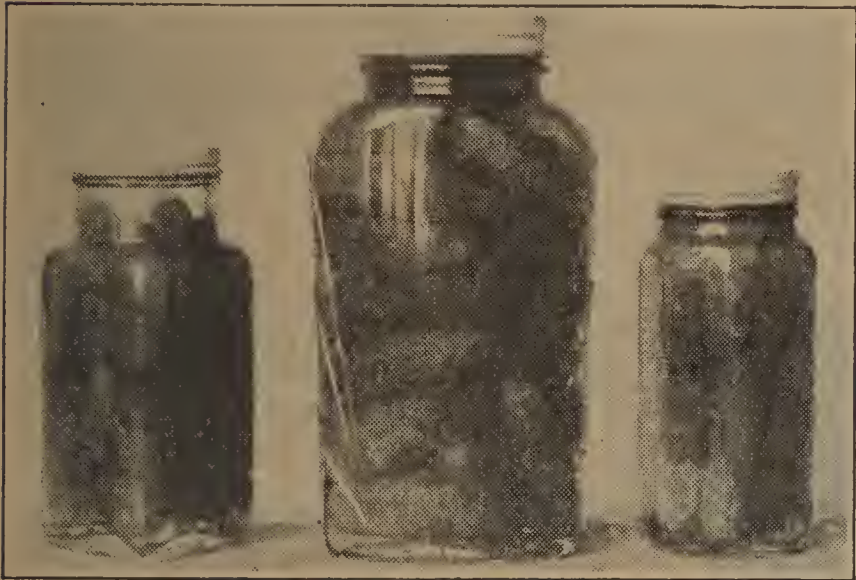
## LONGEST LONGFELLOW CUCUMBER CONTEST

**TO THE GROWER** of the longest cucumber of our Longfellow variety during the Summer of 1938 we will pay ten dollars; to the grower of the second longest, \$5.00; for third place, \$3.00; and to fourth, fifth and sixth place, one dollar in trade. Cucumbers may be sent to our store or we will accept affidavits. Measurement is to be along axis of cucumber. The contest closes October 1, 1938, and but one prize will be awarded to an individual. The winner of the 1937 contest is Mrs. Rose Fettig, Killdeer, N. Dak., with a cucumber 43¼ inches long.



## Will's Cucumbers

**EARLY FORTUNE.** The best all around Cucumber. Extra early, rich dark green in color, of perfect quality for slicing, uniform and well shaped for small pickles, it is disease resistant, a tremendous yielder, and retains its color and quality for a long time. The full grown Cucumbers are 8 inches long and 2½ inches through. Pkt., 5c; oz., 11c; ¼ lb., 33c; ½ lb., 55c; 1 lb., \$1.00, postpaid.



Chicago Pickling Cucumbers.

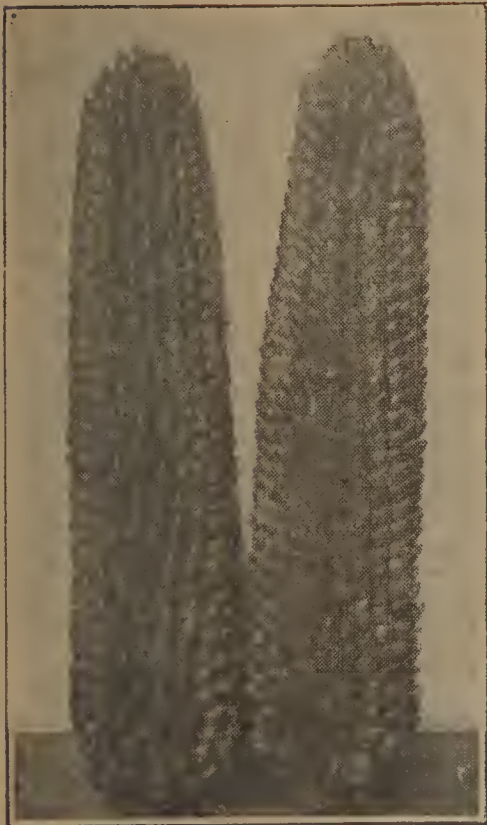


Early Fortune  
(Pickling Size).



Early Fortune.

**CHICAGO PICKLING.** Sturdy, vigorous, best adapted to unfavorable conditions and the most widely grown of all the pickling varieties. It is early and the rich dark green fruits are very uniform. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 90c, postpaid.



Iroquois Pop Corn

## Pop Corn

**PINKY.** The Best Popper We Know. Developed by Professor A. F. Yeager, this pink Pop Corn is early and a good yielder, pops large, white and tender. In the picture to the right the popped Corn is the product of one ear. Pkt., 5c; ¼ lb., 12c; ½ lb., 21c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.75; 50 lbs., \$8.00.



Pinky.

**JAPANESE HULLESS.** Of wonderful popping quality, this is one of the best sorts. Our North Dakota grown seed is much earlier than ordinary strains. Pkt., 5c; ¼ lb., 10c; ½ lb., 19c; 1 lb., 27c, postpaid. Not prepaid, 5 lbs., 75c; 10 lbs., \$1.35; 50 lbs., \$6.00.

**GOLDEN TOM THUMB.** This is the very earliest variety of pop corn grown, and so is exceptionally valuable in the Northwest. Not a heavy yielder and the ears are small, but quality is excellent and it never fails. Pkt., 5c; ¼ lb., 12c; ½ lb., 21c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.75; 50 lbs., \$8.00.



Japanese Hulless.

**IROQUOIS.** This variety is of the White Rice type, obtained from the Iroquois Indians of New York some years ago. It is a very good yielder, and so much earlier than the ordinary White Rice that we have quit growing the White Rice. Pkt., 5c; ¼ lb., 10c; ½ lb., 19c; 1 lb., 27c, postpaid. Not prepaid, 5 lbs., 75c; 10 lbs., \$1.35; 50 lbs., \$6.00.

**BLACK BEAUTY.** One of the earliest varieties, this sort makes very tender and high quality pop corn. The ears are about six inches long, black or nearly so. They pop pure white. This is not generally regarded as a commercial variety but is one of the best for the home garden. Pkt., 5c; ¼ lb., 12c; ½ lb., 21c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.75; 50 lbs., \$8.00.

### POP CORN FOR POPPING

Not Prepaid, 1 lb., 15c; 5 lbs., 70c; 10 lbs., \$1.30; 100 lbs., \$12.00.

Have used your seed for about 12 years in Mont. and now in Minn. I like your seeds and will never use any other seed than Oscar Will's.

MRS. JOSEPH SOMINSKI, Greenbush, Minn.



# LETTUCE

**Culture:** Sow as early in spring as ground can be worked, in rows not less than 15 inches apart, covering seed not over  $\frac{1}{2}$  inch deep. For succession, plant every three weeks. For best head lettuce, start indoors in early spring and transplant outside. One ounce for 200 feet of drill. About 2,000 seeds to the packet.

**Kopfsalat**  
(German)

## HEADING VARIETIES

**Salat**  
(Scandinavian)

**MIGNONETTE.** The Earliest and Surest Heading Sort. Fine for Home Gardens. One of the hardest heading of all Lettuces, the heads are small and solid and the outer leaves are dark green shaded with brown. One of the most delicately flavored and tender of the crisp varieties, its earliness and quality make it one of the very best sorts for the home garden. Pkt., 8c; oz., 20c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 85c; 1 lb., \$1.50, postpaid.

**IMPROVED HANSON or NONPARREIL.** A very reliable, sure heading variety. The large, solid heads are of fine texture, rich and sweet flavored. The light green outer leaves are much crumpled and frilled. Improved Hanson withstands heat and drouth and is slow to go to seed. We recommend this variety. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 37c;  $\frac{1}{2}$  lb., 63c; 1 lb., \$1.15, postpaid.



Improved  
Hanson



May King

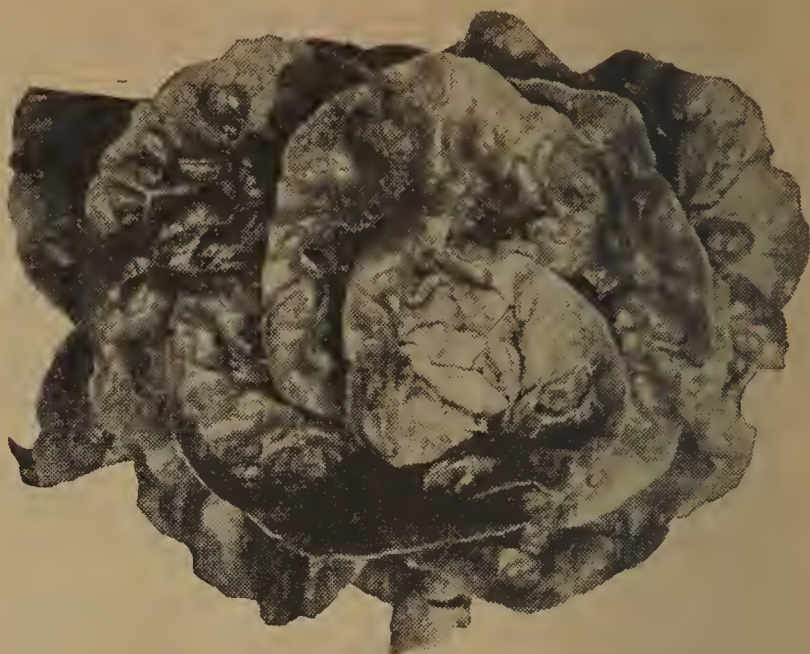
**MAY KING.** A very early heading variety. The outer leaves are light green tinged with brown at the edges. The heads are small, firm and of fine quality, with golden yellow inner leaves. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 38c;  $\frac{1}{2}$  lb., 65c; 1 lb., \$1.20, postpaid.

**BIG BOSTON.** One of the most popular and widely grown sorts. The plants are large, hardy and vigorous. The large heads are bright green, lightly tinged with brown on the outer leaves, very tender and crisp. Pkt., 5c; oz., 11c;  $\frac{1}{4}$  lb., 35c;  $\frac{1}{2}$  lb., 60c; 1 lb., \$1.10, postpaid.

**PARIS WHITE COS.** This is a distinct type of Lettuce with conical, rather tight, dark green head with smooth thick leaves. Blanches to a beautiful white inside, becoming exceedingly crisp and sweet. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 37c;  $\frac{1}{2}$  lb., 63c; 1 lb., \$1.15, postpaid.

Nothing like Pioneer seed for N. Dak. where we get so little rain. I always use Pioneer seed and my neighbors always say they don't see how I always have a garden, but it is the seeds I use.

MRS. VINCENT WHERLEY, Berg, N. Dak.



Black Seeded Tennisball

**BLACK SEEDED TENNIS-BALL or SALAMANDER.** One of the surest heading sorts under all conditions. The heads are large, round, solid and of fine quality. The outer leaves are a clear medium green, broad and crumpled. Withstanding heat well, this is one of the surest heading sorts for the Northwest. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 55c; 1 lb., \$1.00, postpaid.

**ICEBERG.** A home garden sort. The heads are large, solid, crisp, well blanched and very sweet. The outer leaves are crumpled and blistered with brownish tinge along their borders. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 68c; 1 lb., \$1.25, postpaid.

**CRISP AS ICE or HARTFORD BRONZE HEAD.** A popular home garden variety, a buttery sureheader of delicate flavor and tender quality. The outer leaves are deep green overlaid with brown. In our trials, the compact, medium sized heads of this sort seem to withstand hot, dry weather better than any other sort. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 38c;  $\frac{1}{2}$  lb., 65c; 1 lb., \$1.20, postpaid.

We have planted your seeds every year for the past 21 years and think that they are the best.

C. R. BROWN,  
Chinook, Mont.



Crisp-As-Ice





New York Lettuce

## More Head Lettuce

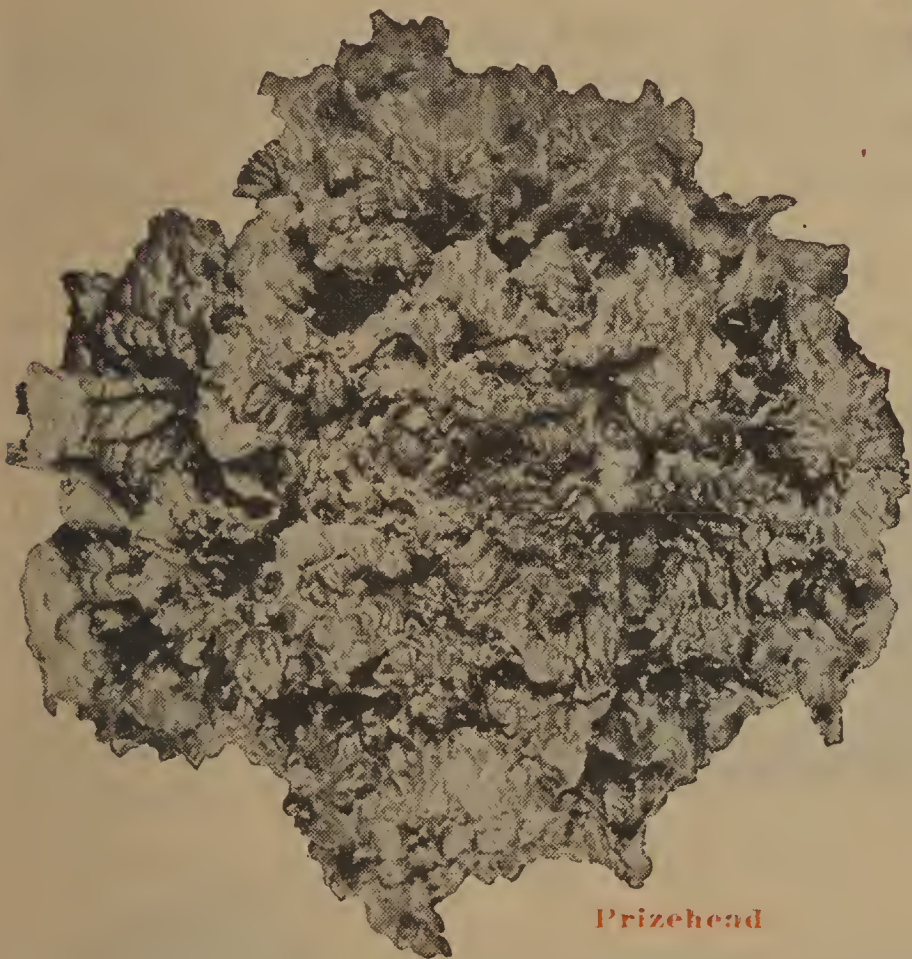
**NEW YORK or WONDERFUL.** The outstanding heading variety—known in all markets. A large, curled, heavy heading Lettuce with rich dark green outer leaves. Our strain is No. 847, originated by Dr. Jaeger of the U. S. Department of Agriculture. It is blight resistant and we believe it the best type of New York Lettuce. Pkt., 8c; oz., 20c; ¼ lb., 50c; ½ lb., 85c; 1 lb., \$1.50, postpaid.

## CURLED or LOOSE HEAD VARIETIES

**EARLY CURLED SIMPSON—WHITE SEEDED.** Early, Hardy, and Dependable, probably our best Leaf Lettuce. The plants are large, but compact. The broad leaves are light green, much crumpled and frilled, crisp, tender and sweet. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; 1 lb., \$1.00, postpaid.



Early Curled Simpson



Prizehead

**GRAND RAPIDS.** Very tender, and fine for early planting. The crisp, curled leaves are light green, blistered and crumpled, with heavily fringed borders. Pkt., 5c; oz., 10c; ¼ lb., 28c; ½ lb., 50c; 1 lb., 90c, postpaid.

**BLACK SEEDED SIMPSON.** A popular, quick growing, large crisp sort. The light, yellowish green leaves are frilled and crumpled, of excellent quality. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; 1 lb., \$1.00, postpaid.

**PRIZEHEAD.** An easily grown variety and fine for the home garden. Early, compact in growth and stands heat. The leaves are much crumpled and frilled, bright green tinged with brownish red, and very crisp and tender. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; 1 lb., \$1.00, postpaid.

## HERBS:

**ANISE.** Used in garnishing and flavoring. Seeds are aromatic. Pkt., 5c; oz., 15c.

**CARAWAY.** Grown for seeds which are used in flavoring. Pkt., 5c; oz., 15c.

**CATNIP.** Leaves used for seasoning. Plant this and make your cat happy. Pkt., 10c.

**DILL.** The stalks and seeds are used for pickling cucumbers. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

**HOREHOUND.** Used for seasoning and as a cough remedy. Pkt., 5c.

**LAVENDER.** Its flowers are used in perfumery. Pkt., 10c.

**MUSTARD (Large White Seeded).** Seed used in flavoring pickles. Pkt., 5c; oz., 10c.

**ROSEMARY.** Aromatic leaves used for seasoning. Pkt., 10c.

**SAGE.** The most extensively used herb for seasoning and stuffing. Pkt., 10c; oz., 40c.

**SUMMER SAVORY.** Leaves and flowers flavor soups and dressings. Pkt., 5c; oz., 20c.

**SWEET MARJORAM.** Leaves and ends of shoots used for seasoning, both green and dried. Pkt., 5c; oz., 20c.

**THYME.** A tea made of leaves is a remedy for headache. Pkt., 10c.

**WORMWOOD.** Beneficial for poultry; should be planted in poultry yards. Pkt., 10c.



Dill



Pfeffer (German)

Your Choice  
of Hot or Sweet

## Peppers

Spansk Peber (Scandinavian)

**Culture:** Sow seed indoors or in hotbed in March, transplanting before setting in the garden the last of May. Set in rows about 2½ feet apart and about 18 inches apart in the row. About 200 seeds to the packet. Our Pepper Seed is treated with Red Copper Oxide to promote germination and prevent seed borne diseases.



Harris Early Giant

**KING OF THE NORTH.** An early, very large pepper, 6 inches long and 4 inches across, but little later than Harris Early Giant. The dark green skin turns to rich red when ripe and the flesh is medium thick, firm and mild. Pkt., 10c; ½ oz., 30c; oz., 50c.

**HARRIS EARLIEST.** The Earliest Pepper, will produce an abundance of Peppers even in an unfavorable season. The plants are compact with fruits averaging 3 inches long and 2½ inches through, bright green and turning red when ripe. The flesh is thick and mild. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50.



Harris' Earliest

**HARRIS EARLY GIANT.** The Earliest Large Sweet Pepper. The plants are vigorous and very productive. The Peppers average 4½ inches long and 3½ inches through, dark green, turning to brilliant red. The flesh is thick, meaty and mild. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.20, postpaid.

For Hardy Pepper Plants, See Page 56

**HUNGARIAN THICK MEAT.** Early, large and tangy with very thick meat. The Peppers are 5½ inches long by 3½ inches thick, light waxy yellow when young, turning to a bright red when ripe. Pkt., 20c.

**TOMATO-SQUASH or SUNNYBROOK.** The fruits are Tomato shaped, about 2 inches in diameter, with very thick and extremely mild flesh. The deep green fruits ripen to a bright red. This variety is medium early and excellent for stuffing and salads. Can be used in every way as a Pimiento Pepper. Pkt., 10c; oz., 50c.

**RUBY KING.** One of the most dependable and satisfactory mild varieties for both home and market gardens. Pkt., 10c; oz., 30c.

**RED CAYENNE.** Long, red, strong and pungent. Pkt., 10c; oz., 35c.

## Celery

Sellerie

Selleri

(German)

(Scandinavian)

**GOLDEN PLUME or WONDERFUL.** The Best of the Self Blanching Sorts, early, large and vigorous. The plants are sturdy and compact, resistant to blight and rust, with heavy stalks and full hearts of excellent quality, blanching readily. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.30, postpaid.



Golden Self-Blanching Celery

**GOLDEN SELF BLANCHING—Dwarf Strain.** Very popular because of earliness and ease of blanching. The stalks are thick, solid and sweet, blanching to a golden yellow. This is a fine home garden variety. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.20, postpaid.

**WHITE PLUME.** One of the earliest varieties and most easily blanched. A rapid grower it is not a very good keeper, but one of the best sorts for fall and early winter. Pkt., 5c; oz., 20c; ¼ lb., 65c, postpaid.

**WINTER QUEEN.** A very solid and crisp variety with double the amount of heart of any known celery. One of the very best keeping varieties. Pkt., 5c; oz., 25c; ¼ lb., 75c, postpaid.

**GIANT PASCAL.** A compact, vigorous sort, a good keeper and one of the best varieties for Fall and Winter. Pkt., 5c; oz., 25c; ¼ lb., 75c, postpaid.

**CELERIAC or TURNIP-ROOTED CELERY—GIANT PRAGUE.** This is a celery of which only the root is used. Should be planted like other celery, but need not be banked. An excellent vegetable for use in soups, stews and sauces, as it imparts a delicious flavor. Is good boiled separately. Pkt., 8c; oz., 22c; ¼ lb., 60c, postpaid.

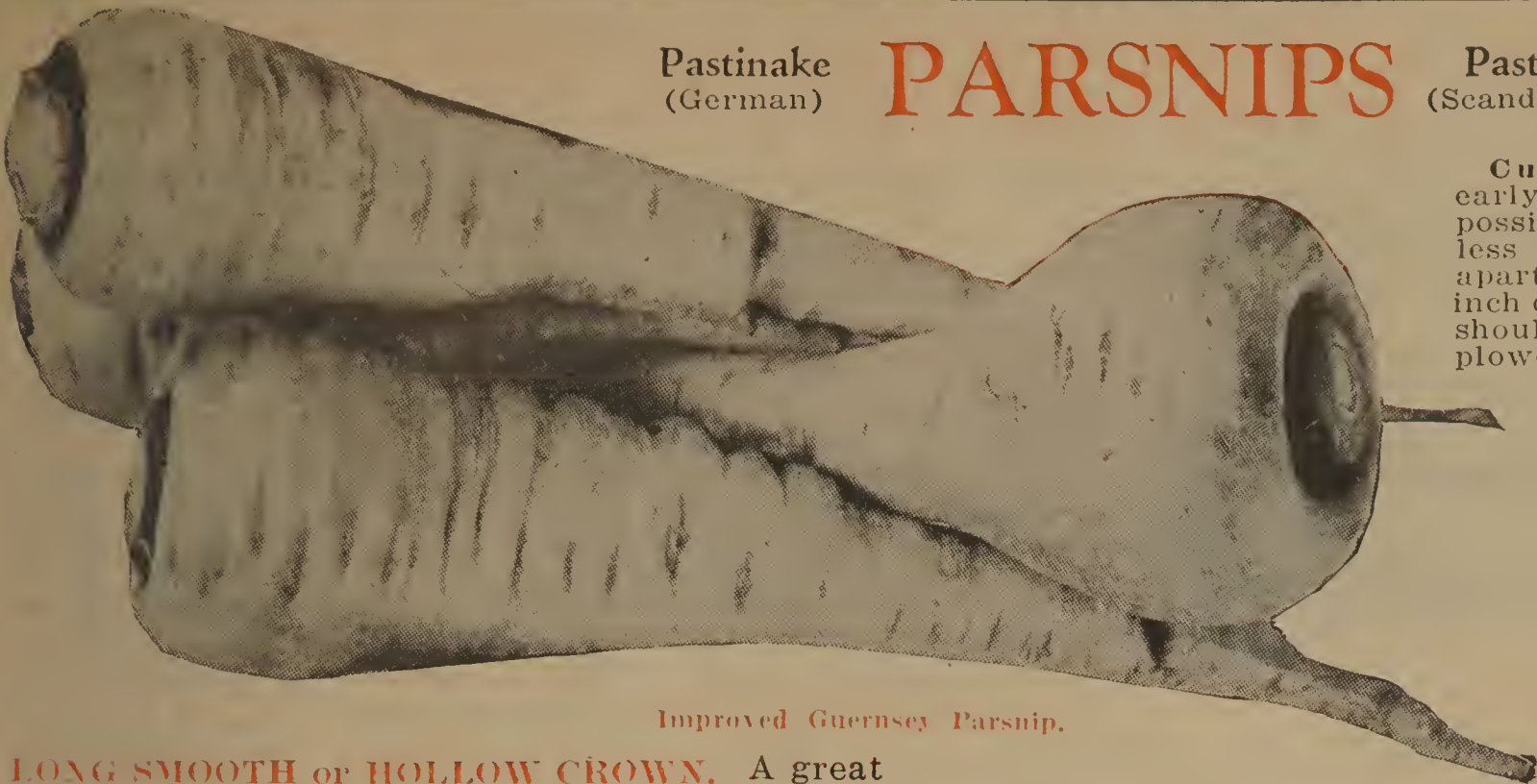
For Celery Plants, See Page 56.

**Culture:** For early planting, sow indoors in February or March. One eighth inch of soil to cover seed is sufficient. Transplant indoors and set outside in late May, in rows 3 feet apart and 6 inches apart in the row. Celery requires enough water at all times so that its growth is not checked. Soil or boards may be used to blanch the stalks.



Celeriac or Turnip-Rooted Celery.



Pastinake  
(German)**PARSNIPS**Pastinak  
(Scandinavian)

Improved Guernsey Parsnip.

**Culture.** Sow as early in spring as possible, in rows not less than 18 inches apart and about ½ inch deep. The ground should be deeply plowed and well cultivated. Thin to 4 inches apart in the row as soon as the plants are well started. A freeze improves the quality of the roots. About 1200 seeds to the packet. One ounce for 200 feet of drill; 4 to 5 pounds per acre.

**LONG SMOOTH or HOLLOW CROWN.** A great cropper, tender, sugary and considered one of the best for general cultivation. Roots average 15 inches long by 3 inches in diameter. Pkt., 5c; oz., 10c; ¼ lb., 24c; ½ lb., 40c; lb., 70c, postpaid.

**IMPROVED GUERNSEY.** This is the thicker, heavier type of Parsnip. Fine grained and sweet flesh. Pkt., 5c; oz., 10c; ¼ lb., 24c; ½ lb., 40c; lb., 70c, postpaid.

I have used your garden seed 23 years. When we first landed here from Ohio County Agent John Haw told us to get our seed of Will's and we have always been satisfied.

Mrs. Jennie Ritchey, Dresden, N. Dak.

Melonen-Kürbiss  
(German)**PUMPKINS For the Northwest**Graeskar  
(Scandinavian)

**CULTURE.** Plant in hills 6 to 8 feet apart, with 5 to 6 seeds in the hill, when the ground has become warm and the weather favorable, giving same cultivation as to melons. About 40 seeds to the packet. One ounce to 30 hills; 3 to 4 pounds per acre.

**CONNECTICUT FIELD or BIG TOM.** A solid, oblong, orange Pumpkin more planted with corn than any other variety and a heavy yielder. Pkt., 5c; oz., 10c; ¼ lb., 22c; ½ lb., 35c; lb., 60c, postpaid.

**SWEET SUGAR or NEW ENGLAND PIE.** The Best Pie Pumpkin, earliest and best of the standard sorts and by far the sweetest. The pumpkins are round, slightly flattened, weighing 6 to 8 pounds apiece. The skin is a deep orange and the orange yellow flesh is thick, dry, fine grained and sweet. This is a very good keeper. Pkt., 5c; oz., 10c; ¼ lb., 24c; ½ lb., 40c; 1 lb., 70c, postpaid.

**KING OF MAMMOTHS.** The giant among Pumpkins, weighing as high as 150 lbs. A bright golden yellow, fine grained and excellent for cooking. Pkt., 8c; oz., 15c; ¼ lb., 45c; ½ lb., 65c; lb., \$1.10, postpaid.



Sweet Sugar Pumpkin.

**OMAHA.** A very early, oblong, orange, thick meated sort.

This is a selection from seed obtained through Dr. Melvin Gilmore from the Omaha Indians. Of fair quality, its earliness is its outstanding characteristic and fits it for areas where Pumpkins could not otherwise be grown. Pkt., 10c; oz., 15c; ¼ lb., 40c, postpaid.



Omaha Pumpkin.

April 11, 1937.

Have used your seeds for four years, and must say they are wonderful seeds. Last summer was our drouth year here, worse than other years, which have not been too good, but with Will's Seed I had ripe Tomatoes and plenty garden for my own use and then some, so I am sending for some more seeds this year 1937.

Mrs. I. J. Martinson, R. No. 1, Thief River Falls, Minn.



Melone  
(Ger.)

## Early MUSKMELONS Hardy

Melon  
(Scan.)



**Early Tye.**

ripened before September first, were picked from a third of an acre last season. You will find this pictured on page 1. Pkt., 20c.

**EARLY TYE.** A very early melon of superior quality, oval, medium sized, ribbed and somewhat netted, the orange flesh is thick and of good quality. A good hardy and prolific home garden melon for the Northwest. Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., 85c; 1 lb., \$1.50, postpaid.

**HALE'S BEST.** The Earliest and Best of the Rockyford Type. The medium sized, nearly round melons are heavily netted. The deep orange flesh is very thick and of rich flavor. Pkt., 5c; oz., 12c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 90c, postpaid.

### SUGAR ROCK or HONEY ROCK.

This is one of the most delicious melons. It is medium early and very productive of medium-sized, round, heavily netted Melons with very thick, sweet, orange flesh. The quality is uniformly fine. The most profitable market variety. Don't pass up this one. Pkt., 5c; oz., 12c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 90c, postpaid.

**VINE PEACH** (Vegetable Orange or Mango Melon). This prolific fruit is the size of a medium orange, and is used for sweet pickles, preserves and pies. When cooked it is used in every way as a peach. Pkt., 10c; oz., 20c; ¼ lb., 50c, postpaid.

**Culture.** When the ground has become warm, plant in hills about 5 feet apart each way, 8 to 12 seeds to the hill. When danger of insects is past, thin to 3 or 4 plants to the hill. Cultivate thoroughly throughout the season, not to exceed 2 inches deep. One ounce of seed to 75 hills; 2 to 3 pounds to the acre. About 125 seeds to the packet.

**CHIPMAN'S STRAIN LAKE CHAMPLAIN.** The Earliest Melon of Good Quality, developed by the late George F. Chipman, long editor of the Country Guide of Winnipeg, Canada. The globular Melons are ten days earlier than the standard Lake Champlain. The orange flesh is thick and luscious. Pkt., 10c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.00; 1 lb., \$1.80, postpaid.

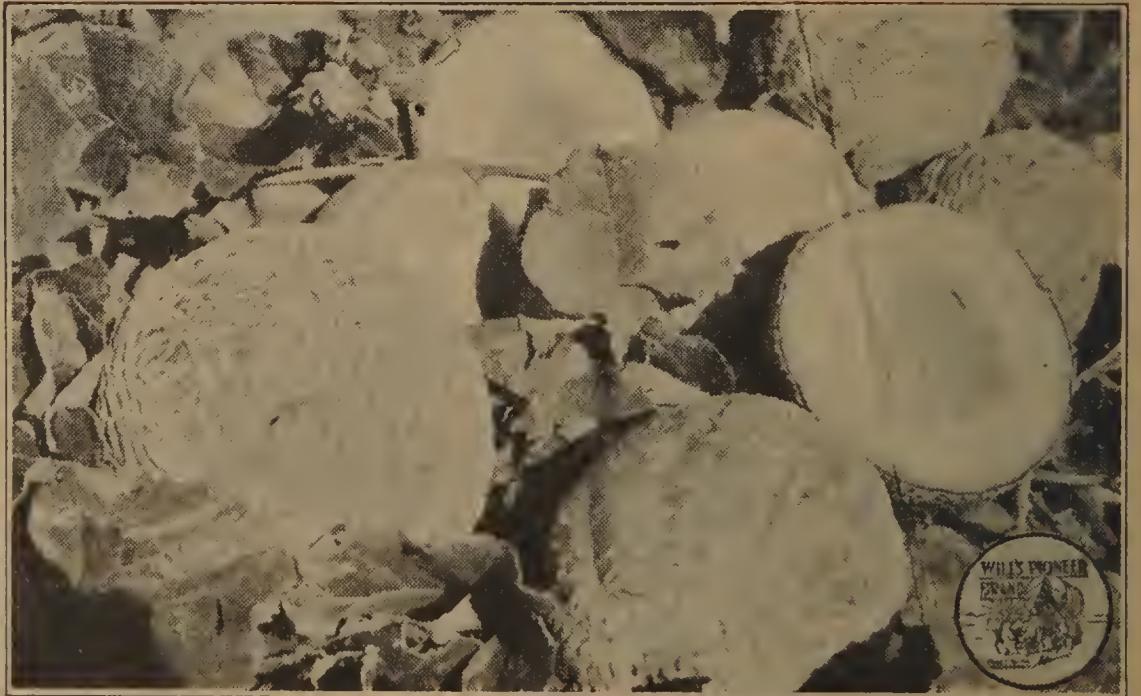
**ZEPHYR.** An Early and Heavy Yielding Oval Orange Fleshed Melon developed by Professor A. F. Yeager at the North Dakota Experiment Station. 400 pounds of this quality Melon were picked from a 100 foot row in 3 days, and 5 tons, all



**Extra Early Osage.**

**EXTRA EARLY OSAGE.** One of the earliest salmon fleshed varieties of quality and one of the best sorts grown. The oval fruit is dark green, slightly ribbed and gray netted, and is from a week to ten days earlier than the old Osage. The flesh is a rich orange-salmon, very thick, juicy and sweet, of very high quality. A grand sort for northwestern conditions; ideal for the home garden and a money maker for the market gardener. Pkt., 5c; oz., 11c; ¼ lb., 28c; ½ lb., 48c; 1 lb., 85c, postpaid.

I have used your seed for years and wouldn't be satisfied with any other.  
Mrs. W. A. Colson,  
Harrison, Idaho.



**Sugar Rock or Honey Rock.**



# WILL'S MUSKMELONS

**EXTRA EARLY KNIGHT.** The best green fleshed Muskmelon, medium sized, oval, distinctly ribbed and well netted. The flesh is fairly thick, juicy and very sweet, a medium green blending to a light pink near the center. We consider this productive sort one of the best for the Northwest. Pkt., 5c; oz., 11c;  $\frac{1}{4}$  lb., 28c;  $\frac{1}{2}$  lb., 48c; 1 lb., 85c, postpaid.

**EMERALD GEM.** An extremely early sort. The fruit is a rich emerald-green. It is globular in shape and irregularly ribbed. The flesh is very thick, salmon colored, sweet and luscious. The vines are hardy and very prolific. One of the best Melons for home garden and local market. Pkt., 5c; oz., 11c;  $\frac{1}{4}$  lb., 28c;  $\frac{1}{2}$  lb., 48c; 1 lb., 85c, postpaid.



Extra Early Knight



Lake Champlain

**LAKE CHAMPLAIN or GOLDEN CHAMPLAIN.** A very early Melon, medium sized, round and heavily netted and moderately ribbed, with thick orange flesh of finest quality; a robust grower and a heavy yielder. Not a shipping Melon, but a good home and market garden sort. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; 1 lb., 90c, postpaid.

I always tell my neighbors that Will's seeds are the best for the Northwest.

MISS KATIE THOMA,  
R. No. 1, Plummer, Minn.



Moss Curled Parsley

Petersilie  
(Ger.)

Parsley

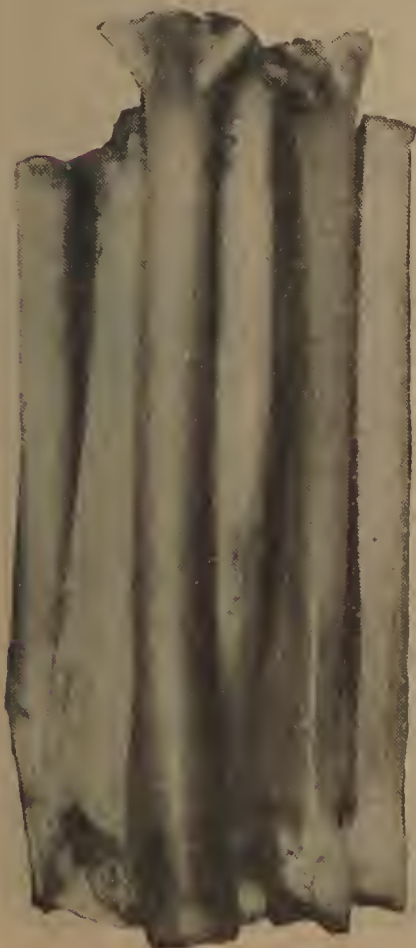
Persille  
(Scan.)

**CULTURE.** Soak the seed a few hours in lukewarm water and sow early in Spring in drills one foot apart. Thin out the plants to about four inches. Cover the seed not more than one-half inch. Very slow to germinate, usually three weeks. About 2,000 seeds to the packet.

**PARAMOUNT.** A very uniform variety with very tightly and finely curled leaves of unusually rich dark green. This is an outstanding sort. Pkt., 5c; oz., 12c;  $\frac{1}{4}$  lb., 33c; lb., \$1.00, postpaid.

**CHAMPION MOSS CURLED.** Leaves beautifully curled, mosslike, of the richest green. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 70c, postpaid.

**TURNIP ROOTED.** The roots, instead of the tops, are used for soups and flavoring meats; gives richer flavor. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c, postpaid.



Rhubarb

Rhubarber  
(Ger.)

Rhubarb or Pieplant

Rhubarber  
(Scan.)

**MONARCH.** Ours is a good strain of long service and a standard sort. The leaf stalks are numerous, from 15 to 30 inches long and full 2 inches wide. They are tender, fine of flavor and excellent for preserving. About 250 seeds to packet. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.00.

## Rhubarb Roots

**MCDONALD.** By far the most popular and best of the new Canadian rhubarbs. Produces no seed nor seed stalk, so bears all through the season. The skin is dark red and the sauce a rich pink. A tremendous improvement over the common sorts and one which we were the first to offer. Price, each, 45c; doz., \$4.50. Postpaid, each, 50c; doz., \$5.00.

**RUBY.** This red fleshed Canadian introduction is of splendid quality. Sauce made from this is of a beautiful wine red color. Price, each, 45c; doz., \$4.50. Postpaid, each, 50c; doz., \$5.00.

**STANDARD.** First quality, 2 year roots which will produce a crop of edible stalks the first year if planted in good season and given a minimum of care. Price, doz., \$1.00. Postpaid, doz., \$1.20.



Wasser-Melone  
(Ger.)

# Will's Early WATERMELONS

Vandmelon  
(Scan.)

**CULTURE.** When the ground has become warm, plant in hills 8 or 10 feet apart each way, 6 to 12 seeds in a hill; when danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly, about two inches deep, until the vines cover the ground. **One ounce of seed for 30 hills; 3 to 5 pounds per acre.** About 100 seeds to the packet.

**WILL'S SUGAR.** One of the sweetest and earliest melons, hardy, heavy yielding, and of very fine quality. This pioneer variety was introduced by us in 1888, and remains a favorite. The Melons are round, weigh from 6 to 10 pounds, are medium green, striped with dark green. The bright red flesh and small black seeds make a pleasing contrast. **The watermelon for the Northwest.** Pkt., 8c; oz., 15c;  $\frac{1}{4}$  lb., 40c;  $\frac{1}{2}$  lb., 75c; 1 lb., \$1.35, postpaid.

**FAVORITE HONEY.** Very early, productive, orange fleshed sort from Japan and a standout in the trials of the North Dakota Experiment Station. This small, oval Melon is the sweetest we have ever tasted. Pkt., 20c.

**KLONDIKE.** An early, high quality Melon. The skin is dark green, and the bright deep red flesh has no equal in eating qualities. The Melons weigh from 20 to 25 pounds. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; 1 lb., 80c; postpaid.

**PEERLESS or ICE CREAM.** Early and one of the best sorts for Northern gardens. The Melons are a short oblong, medium green with fine veining. The flesh is bright scarlet, crisp and as sweet as honey. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 23c;  $\frac{1}{2}$  lb., 40c; 1 lb., 70c, postpaid.

I had a great yield of Dakota Sweet Watermelons last year. Must have gathered about 100 melons on a small square in the garden.

MRS. A. A. TORNELL, Viking, Minn.



Field View of Will's Sugar Watermelons.



Cole's Early.

**COLE'S EARLY.** One of the earliest and best, hardy, vigorous and a sure cropper. The blocky, oval Melons are medium sized with alternate dark and lighter green stripes. The delicious quality of the bright red flesh is sustained clear to the thin rind. This is one of the best sorts for northern gardens. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 23c;  $\frac{1}{2}$  lb., 40c; 1 lb., 70c, postpaid.

**ARIKARA.** The Earliest Watermelon. A sure and prolific producer of small Melons running from 7 to 12 inches in diameter with almost black skin. The

pink flesh is sweet and pleasant, somewhat coarse and of fair quality. If you have trouble raising ripe Watermelons, try this one. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 85c; 1 lb., \$1.60, postpaid.

**KLECKLEY SWEET or MONTE CRISTO.** One of the sweetest Watermelons, medium early, cylindrical, and tapering slightly toward the stem end, the Melons weigh up to 40 pounds. The skin is a very dark green and the rind is thin and tender. The flesh is bright red, crisp and very sweet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 23c;  $\frac{1}{2}$  lb., 40c; 1 lb., 70c, postpaid.



Kleckley Sweets.

**WINTER QUEEN.** A high quality, heavy yielder of medium sized, round white skinned Melons with clear bright red flesh and black seeds. Fine at maturity, if stored in a cool, dry place will keep until Christmas. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; 1 lb., 80c, postpaid.

**CITRON.** (Red Seeded.) A round, handsome fruit of small size, with white, solid flesh; it is used in making sweetmeats and preserves. Ours is the old standard strain. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 40c; 1 lb., 75c, postpaid.

**COLORADO PRESERVING MELON.** (Green Seeded.) This is quite distinct from the old-fashioned citron, as it is larger and more productive. The flesh is firm and solid, with but few seeds, and makes preserves of finest flavor. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 40c; 1 lb., 75c, postpaid.



Winter Queen.



# WATERMELON

## DAKOTA SWEET

### Early—Hardy—Fine Quality

If there is any better melon for the Northwest, we haven't seen it. Of Russian origin, its outstanding qualities caught the eyes of Professor A. F. Yeager in his trial grounds. Though similar to Northern Sweet, we regard it as much superior. The melons weigh from 9 to 14 lbs.; the thin rind is medium green with darker stripes; and the flesh is bright red, crisp and very sweet. A heavy cropper and very early, ripening in 9 to 10 weeks.

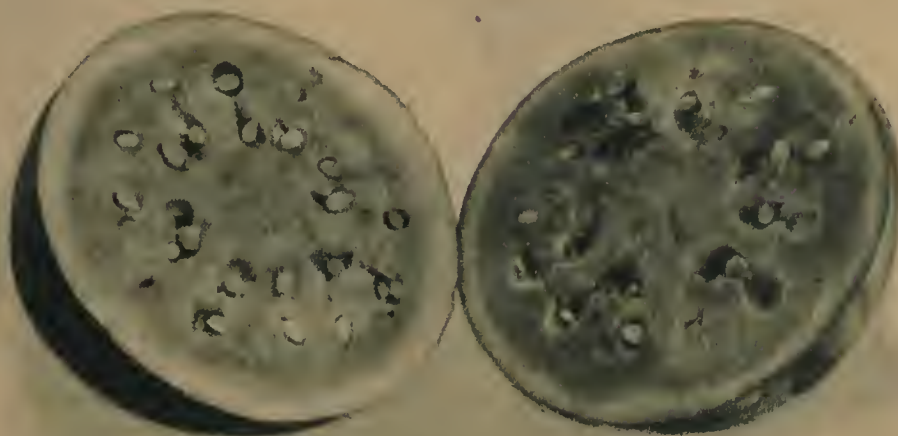
On two acres in 1937, with late planting and a poor stand due to cutworms, we raised over 40,000 pounds of Dakota Sweet Watermelons. Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., 85c; 1 lb., \$1.60, postpaid.

At Fort Peck Dam, the people told us we sold the best tomatoes they got last year; also the best melons. Thanks to your Dakota Sweet; they are our earliest and sweetest.

Mrs. Ed. Nelson, Frazer, Mont.



Looking down on a 3 ton truckload of Dakota Sweets from our nursery.



Dakota Sweet Watermelon.



A planting of sets for green onions should be in every garden. Unless otherwise instructed, we shall hold Onion Sets until danger of freezing in transit is past. A bushel of Onion Sets is 32 lbs., except with Top Sets, which are 28 lbs. to the bushel. Price, peck and over, subject to change.

#### ONION SETS

**EBENEZER YELLOW BOTTOM ONION SETS.** Fine for green Onions, these are surer to form large Onions than any other sets. The quality is superior and the yield is larger. 1 lb., 23c; 4 lbs., 62c, postpaid. Not prepaid, peck, 85c; ½ bu., \$1.50; bu., \$2.75.

**WHITE BOTTOM SETS.** Milder than the yellow or red sorts and preferred by some on account of their color. 1 lb., 23c; 4 lbs., 62c, postpaid. Not prepaid, peck, 85c; ½ bu., \$1.50; bu., \$2.75.

**RED BOTTOM SETS.** Fine, well cured sets. 1 lb., 22c; 4 lbs., 60c, postpaid. Not prepaid, peck, 80c; ½ bu., \$1.45; bu., \$2.60.

**TOP or WINTER ONION SETS.** Perennial. Live in the ground all winter and start very early in the spring. 28 lbs. to the bushel. 1 lb., 30c, postpaid. Not prepaid, peck (7 lbs.), \$1.35; bu., \$5.00.

**MULTIPLIER ONIONS.** Also called Bunch Onions or Potato Onions, and very mild. Excellent for early spring Onions. 1 lb., 28c, postpaid. Not prepaid, peck, \$1.20; bu., \$4.25.

#### BERMUDA ONION PLANTS

Seed is sown early in Texas and plants lifted to produce Onions of Bermuda quality in northern gardens. Our Texas grower ships bangup plants to us under state certificate of inspection. We include cultural directions with each purchase. We can furnish either Yellow Bermuda or White Bermuda (Crystal Wax). Package of 85 to 125 plants, 25c; 500 plants, 80c; 1,000 plants, \$1.40, postpaid. Crate of 6,000 plants, not prepaid, \$5.00.



Onion Sets at Our Nursery—1937.



Zwiebel  
(Ger.)

# WILL'S ONION SEED

Roedloeg  
(Scan.)

**Culture:** Sow as early in spring as ground can be worked, in rows not less than 15 inches apart, covering  $\frac{1}{2}$  inch deep. One ounce for 300 feet of row, 4 to 5 pounds to the acre. About 750 seeds to the packet.

**RED WETHERSFIELD.** One of the oldest and best strains, a sure and heavy yielder. It is early, yet a splendid keeper. The bulbs are large, flat and a deep purplish red. The flesh is pinkish white and fairly mild. It is a favorite on poor or dry soils. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c;  $\frac{1}{2}$  lb., 95c; 1 lb., \$1.75, postpaid. Not prepaid, 5 lbs., \$7.50.



Red Wethersfield.

## SOUTHPORT WHITE GLOBE.

This attractive, pure white, thin-skinned globe Onion commands the highest market price. Our selected strain keeps well, is firm, fine-grained and of mild flavor. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 80c;  $\frac{1}{2}$  lb., \$1.40; 1 lb., \$2.60, postpaid. Not prepaid, 5 lbs., \$11.75.

## MONTANA WHITE PORTUGAL

**OR SILVERSKIN.** The most widely used and best keeping white Onion. Medium sized, flat, hard and fine grained Onion of mild flavor and clear white skin. It is popular for sets, picklers, green bunching and for storage. Our seed has been grown for us by the same Montana grower for many years and is of exceptionally high germination and purity. Pkt., 5c; oz., 24c;  $\frac{1}{4}$  lb., 70c;  $\frac{1}{2}$  lb., \$1.20; 1 lb., \$2.20, postpaid. Not prepaid, 5 lbs., \$9.75.



Early Grano.

**EARLY GRANO.** The earliest Sweet Spanish type Onion. A slightly top shaped globe Onion, not quite as large, but at least two weeks earlier than Riverside Sweet Spanish. With straw colored skin and white flesh, it is mild, very sweet and a fair keeper. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c;  $\frac{1}{2}$  lb., \$1.60; 1 lb., \$3.00, postpaid. Not prepaid, 5 lbs., \$13.75.

## WELSH WINTER (Perennial).

Plant this variety to get the earliest green onions. Seed may be sown either in Spring or Fall. This variety does not make large bulbs but is used only for green onions.

The plants are perennial, live in the ground for years, and are absolutely hardy. This is a money-maker for the market gardener. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.10; 1 lb., \$2.00, postpaid.

**SWEET SPANISH—UTAH STRAIN.** Earlier, milder and a much better keeper, this is a decided improvement over the RIVERSIDE STRAIN. One of the largest and finest of Onions, nearly globular, with golden yellow skin and white flesh, it is especially prized for its mildness and delicacy of flavor. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.10; 1 lb., \$2.00, postpaid. Not prepaid, 5 lbs., \$8.75.



Sweet Spanish



# WILL'S PIONEER BRAND ONION SEED

Will's  
Dakota  
Globe  
Onion

## WILL'S DAKOTA GLOBE. The Money Making Onion.

We believe this to be the best strain of Southport Yellow Globe, the most popular and most largely grown yellow Onion. It is early, productive, uniform in its rich yellow color, small necked and an exceptionally fine keeper. The creamy white flesh is fine grained, crisp, fairly mild and of excellent flavor. One of the best sorts for the Northwest. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.05; 1 lb., \$1.85, postpaid. Not prepaid, 5 lbs., \$8.00.



**SOUTHPORT RED GLOBE.** The finest type and most popular of the red Onions. Our thin neck strain ripens down to a glossy, purplish red ball. The white flesh is tinged with pink. It is productive, a sure ripener and a good keeper. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65 cents;  $\frac{1}{2}$  lb., \$1.05; 1 pound, \$1.85, postpaid. Not prepaid, 5 lbs., \$8.00.

**MOUNTAIN DANVERS.** A very early strain of Yellow Globe, not quite as large and a bit more flat than Yellow Globe Danvers, but two weeks earlier and a remarkable keeper. The white flesh is fine grained, sweet and mild. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.10; 1 lb., \$2.00, postpaid. Not prepaid, 5 pounds, \$8.75.



**NEW QUEEN.** This is a small, rapid growing, mild and sweet small white onion used extensively for pickling and the table. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c;  $\frac{1}{2}$  lb., \$1.25; 1 pound, \$2.25, postpaid.

Our Children and Grand Children are customers of yours. I have planted seeds of yours for 50 years.  
Cornelius H. Porter,  
Sidney, Mont.

## PRIZE TAKER

One of the largest Onions, globe-shaped, and very mild. The thin skin is a bright straw yellow and the flesh pure white and tender. Our strain is the earliest of this variety, productive, and keeps well into the winter. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.00; 1 lb., \$1.85, postpaid. Not prepaid, 5 lbs., \$8.00.

For Seeders and Cultivators  
See Page 78

**YELLOW GLOBE DANVERS.** This is a standard variety for winter use in all markets. Its skin is a rich orange-yellow; the flesh is pure white, crisp and mild in flavor. It is a dependably heavy yielder and because of its small neck cures well and makes splendid storage stock. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c;  $\frac{1}{2}$  lb., \$1.05; 1 lb., \$1.85, postpaid. Not prepaid, 5 lbs., \$8.00.

**AUSTRALIAN BROWN.** Very early and a wonderful Keeper. A heavy yielder and a sure cropper, the Onions are of medium size, slightly flattened, with reddish brown skin and crisp, white flesh. The flavor is rather strong. This is a desirable home garden variety. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.00; 1 lb., \$1.80, postpaid. Not prepaid, 5 lbs., \$7.75.



Yellow Globe Danvers



Erbesen  
(Ger.)

# Will's Choicest Garden Peas Erter (Scan.)

## Early Varieties—Not Dwarf

**ALASKA.** This standard hardy and early variety is much used for canning and home gardening. The vines grow 30 inches tall. The light green pods are 2½ inches long, square ended and contain from 5 to 8 Peas to the pod. ¼ lb., 10c; ½ lb., 17c; 1 lb., 30c, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., \$1.50; 20 lbs., \$2.80; 100 lbs., \$13.00.

World's  
Record

**FIRST OF ALL or EARLY JUNE.** This is the largest podded of the extra early varieties and a most profitable market sort. The semi-smooth seed may be sown 2 weeks earlier than the wrinkled seeded sorts. The vines grow from 30 to 36 inches high. The deep green pods are square ended and 4 inches long, containing 7 Peas to the pod. This is a very heavy and even cropper.

¼ lb., 13c; ½ lb., 22c;  
1 lb., 37c, postpaid.  
Not prepaid, 5 lbs.,  
\$1.15; 10 lbs.,  
\$2.20; 20 lbs.,  
\$4.20; 100 lbs.,  
\$20.00.

**Culture:** Sow early in spring in rows not less than 20 in. apart, covering 1½ to 2 inches deep. The smooth seeded sort, of which we list First of All and Alaska, will stand earlier seeding than the wrinkled seeded varieties. One pound will sow 100 feet of row. Inoculate all legumes with Nitragin—see Page 77.

First of All

## Early Dwarf or Bush Peas

### AMERICAN WONDER or NOTT'S EXCEL-

**SIOR.** The earliest of the dwarf wrinkled varieties. The vines are about a foot high and very prolific. The pods are light green, blunt, about 3 inches long and contain 6 to 7 medium sized

Peas. A very popular and profitable home garden sort. ¼ lb., 10c; ½ lb., 17c; 1 lb., 30c, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., \$1.50; 20 lbs., \$2.80; 100 lbs., \$13.00.

**LITTLE MARVEL.** One of the earliest of the wrinkled seeded sorts and one of the best and most satisfactory for the home garden because of its exceptional quality and yield. Remains in prime picking condition a week longer than most sorts. The vines are 18 inches high. The dark green, blunt ended 3 inch pods contain from 7 to 8 dark green peas, very tender and sweet. ¼ lb., 12c; ½ lb., 20c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$15.00.

**HUNDREDFOLD or BLUE BANTAM.** One of the best of the Laxtonian type. The vines are from 18 to 20 inches tall, sturdy and very productive. The dark green pods are 4 inches long and contain 8 large, dark green Peas of very good quality. ¼ lb., 12c; ½ lb., 20c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$15.50.

We have used  
your seeds for 10  
years now and can't  
get along without them.  
ARTHUR E. SENFF,  
Steel Bridge Mail Box,  
Banner, Wyo.

**WORLD'S RECORD or IMPROVED GRADUS.** This is one of the earliest of the wrinkled seeded, large-podded varieties. The vines are from 2 to 2½ feet tall, produce abundantly and bear throughout the season. The pods are 4 inches long, containing from 7 to 9 large deep green Peas. It is the market gardener's favorite. ¼ lb., 11c; ½ lb., 19c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 88c; 10 lbs., \$1.65; 20 lbs., \$3.10; 100 lbs., \$14.50.

Little Marvel





McLean's Little Gem

# PEAS

## More Dwarf Sorts

### McLEAN'S LITTLE GEM

or

### PREMIUM GEM

An early dwarf Pea of delicious flavor, excellent for family use. The vines are about 18 inches in height and produce an abundance of medium green, plump, blunt ended pods  $2\frac{3}{4}$  inches long, with 6 to 7 Peas to the pod. This is an old tried and proven favorite.  $\frac{1}{4}$  lb., 10c;  $\frac{1}{2}$  lb., 17c; 1 lb., 30c, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., \$1.50; 20 lbs., \$2.80; 100 lbs., \$13.00.



Laxton's Progress

### DWARF GRAY SUGAR

#### Edible Podded

Height 2 feet. The pods are 3 inches long, curved and blunt, plump and fleshy. This sort is moderately early and very prolific. The pods are picked when the Peas are forming and are delicious when cooked as are string beans.  $\frac{1}{4}$  lb., 12c;  $\frac{1}{2}$  lb., 20c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80.

### LAXTON'S PROGRESS

The largest podded and most attractive of the medium early dwarf varieties. The vines are 16 to 18 inches high; the handsome dark green pods are 4 to  $4\frac{1}{2}$  inches long, with 7 to 9 extra large peas of superior quality to the pod. This productive sort should be in every home and market garden.  $\frac{1}{4}$  lb., 12c;  $\frac{1}{2}$  lb., 20c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$15.00.

## MAIN CROP VARIETIES

**BLISS EVERBEARING.** Prolific and bearing over a very long period. It grows to a height of  $2\frac{1}{2}$  feet. The medium green pods are plump and blunt ended and contain from 6 to 8 large sweet Peas. A justly popular home garden variety.  $\frac{1}{4}$  lb., 12c;  $\frac{1}{2}$  lb., 20c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$15.00.

**ALDERMAN.** The best tall variety and the pick of the Telephone type. The vines are about 4 feet tall; the pods are from  $4\frac{1}{2}$  to  $5\frac{1}{2}$  inches long, carrying 8 to 10 very large Peas to the pod. This is the standard of high quality and an abundant yielder.  $\frac{1}{4}$  lb., 12c;  $\frac{1}{2}$  lb., 20c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$15.50.

**LINCOLN.** Known in Canada as Homesteader. A very productive Pea of fine quality recommended for mid-season by the North Dakota Experiment Station. The vines grow 2 feet tall. The pods run from  $3\frac{1}{4}$  to  $3\frac{3}{4}$  inches long, containing from 6 to 8 medium green Peas of fine quality. One of the best yielders.

### INCREASE YOUR YIELD OF PEAS BY USING AN INOCULANT



Garden Size, will treat up to 4 lbs.

Price postpaid.

See Page 77.

10<sup>c</sup>

$\frac{1}{4}$  lb., 13c;  
 $\frac{1}{2}$  lb., 22c;  
1 lb., 37c,  
postpaid.  
Not prepaid,  
5 lbs., \$1.15;  
10 lbs.,  
\$2.20; 20  
lbs., \$4.20;  
100 lbs.,  
\$20.00.



Bliss Everbearing





# RADISHES *Crisp and Spicy*

RADIES (Ger.) REDDIK (Scan.)

## WILL'S EARLY CARMINE

Our old reliable extra early sort which has so long been a favorite throughout the Northwest. A bright carmine in color, almost round, very early, mild, crisp and tender. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; lb., 80c, postpaid.

Will's Early Carmine

**Culture:** For extra early use, seed may be sown in hotbed. For open ground culture, sow in spring as soon as ground can be worked, in rows not less than 1 foot apart, planting  $\frac{1}{2}$  inch deep. Sow every 2 weeks for succession. About 600 seeds to a packet.

**MODEL BOX.** This popular turnip shaped Radish is the earliest white sort and ready for table in 25 days from sowing. Pure white, tender, crisp and mild. Pkt., 5c; oz., 11c;  $\frac{1}{4}$  lb., 33c;  $\frac{1}{2}$  lb., 50c; lb., 85c, postpaid.



German Giant Butter

**SAXA — The Earliest Radish.** The round, bright scarlet roots are ready for the table 20 days after sowing. The tops are small and the quality high. We have a fine stock of this variety. Pkt., 5c; oz., 11c;  $\frac{1}{4}$  lb., 33c;  $\frac{1}{2}$  lb., 50c; lb., 85c, postpaid.



Saxa

**GERMAN GIANT BUTTER—The Best Round Scarlet Radish.** Largest of the early Radishes, it will reach a weight of  $3\frac{1}{2}$  ounces without becoming pithy. It retained its crispness and mild flavor longer than any other sort in our 1937 trials. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.10; lb., \$2.00, postpaid.



Fireball

**LONG SCARLET SHORT TOP.** Sometimes called Cincinnati Market. A reliable standard sort of best quality. The rosy-scarlet roots are 5 to 6 inches long and  $\frac{3}{4}$  of an inch in diameter at the shoulder, smooth and tapering, with firm and tender flesh. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; lb., 75c, postpaid.

**CRIMSON GIANT.** An extremely large, globe shaped, deep crimson Radish of superior quality, and standing very long before becoming pithy. The white flesh is solid, crisp and mild. One of the best sorts for outdoor culture. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; lb., 75c, postpaid.

**FIREBALL—NON PLUS ULTRA.** An early round Radish of bright scarlet color and pure white flesh; crisp, tender and of finest flavor. It has few and short leaves, permitting close planting. Very desirable for the home garden and a money maker for the market gardener. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c;  $\frac{1}{2}$  lb., 50c; lb., 80c.



Crimson Giant



# RADISHES *from Spring to Winter*

## SPARKLER-IMPROVED SCARLET TURNIP WHITE TIPPED.

This extra early strain is perhaps our most attractive Radish. The colors are a bright scarlet with the bottom third of the Radish a pure white.

The flesh is solid and crisp, and remains fit for use as long as some

of the coarser varieties. Largely grown by market gardeners both because of its earliness and quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; lb., 75c, postpaid.

**EARLY SCARLET GLOBE.** One of the earliest forcing Radishes, this does equally well outside. The rich scarlet roots are fair sized, globe shaped, with very small tops and tap roots. We have as good a stock of this superb Radish as is grown. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c;  $\frac{1}{2}$  lb., 35c; lb., 60c, postpaid.

**WHITE STRASBURG.** A fine white summer Radish, about 5 inches long, thick at shoulder and abruptly tapering. The white flesh is mildly pungent, and remains firm and crisp longer than most sorts. This is a fine home garden variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; lb., 75c, postpaid.

## WHITE ICICLE

The best early pure white Radish and the most crisp and tender of all Radishes. The handsome white roots are 6 inches long, tender, brittle, juicy and agreeably snappy, preserving these qualities longer than the red sorts. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; lb., 75c, postpaid.

**LONG BLACK SPANISH WINTER.** One of the hardest of Radishes and a splendid keeper. The black roots are 9 inches long. The flesh is white, solid, crisp and pungent. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; lb., 75c, postpaid.

**CHINA ROSE WINTER.** One of the best Winter Radishes. The roots are cylindrical and blunt ended, about 5 inches long, and a deep rose. The flesh is white and very crisp. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; lb., 75c, postpaid.

Sparkler



French Breakfast

**FRENCH BREAKFAST.** An oblong, very crisp and quick growing Radish, in color a bright rose-scarlet with white tip. It is very early, of fine quality, a great favorite on the market and unexcelled for the home garden. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c;  $\frac{1}{2}$  lb., 45c; lb., 75c, postpaid.



Black Spanish Winter



White Icicle



**CULTURE:** Sow in early spring, in rows not less than 12 inches apart, covering not more than one inch deep. Sow 2 weeks apart for succession. One ounce for 100 feet of row. With exception of New Zealand Spinach, about 600 seeds to the packet.

# SPINACH

**Spinat** (German Scandinavian)

**King of Denmark.**



**BLOOMSDALE or SAVOY LEAVED.** The standard extra early Spinach for home and market garden. The leaves are large, glossy deep green, blistered and crumpled. A heavy yielder. Pkt., 5c; oz., 10c; ¼ lb., 18c; ½ lb., 29c; 1 lb., 45c, postpaid.

**NOBEL—GIANT THICK LEAVED.** A very rapid grower and the largest Spinach. The broad, deep green leaves are very thick and rather smooth, easily cleaned for cooking. A long standing and very heavy yielding variety. Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 30c; 1 lb., 50c, postpaid.

**NEW ZEALAND.** Not a true Spinach, this variety thrives in hot, dry weather. As the leaves are picked off, new shoots appear and yield a continuous supply of greens throughout the summer. 125

seeds to the packet. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 70c, postpaid.

**KING OF DENMARK.** This variety is very slow to run to seed. The plants are early, vigorous and productive, and bushy in habit. The rounded leaves are crumpled, blistered, and a deep green in color. Probably the best sort for Northwestern conditions.

Pkt., 5c; oz., 10c; ¼ lb., 18c; ½ lb., 29c; 1 lb., 45c, postpaid.  
**PRINCESS JULIANA.** A long standing spinach, very slow to bolt to seed and a most attractive sort. The leaves are large and rounded, thick, very much blistered and crumpled, and of an intense, very dark green color. Pkt., 5c; oz., 10c; ¼ lb., 18c; ½ lb., 29c; 1 lb., 45c, postpaid.



**New Zealand Spinach.**

## PEANUTS—SPANISH—Earliest Variety

Grown. Pods are small, but remarkably solid and well filled. Sow in drills 3 feet apart, placing the nuts 8 to 10 inches apart to allow for bushy habit of the plants. Pkt., 10c; ¼ lb., 15c; ½ lb., 24c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.10.



**Salsify.**

**Haferwurz**  
(German)

## Salsify or Oyster Plant

**Havrerod**  
(Scandinavian)

**CULTURE:** Sow as early as the ground can be worked, in drills 12 to 15 inches apart, one inch deep. One ounce to 100 feet of drill. About 180 seeds to the packet.

**MAMMOTH SANDWICH ISLAND.** This is the best type of Salsify or Vegetable Oyster. The roots are very large, smooth and of fine quality and delicious flavor. Pkt., 5c; oz., 18c; ¼ lb., 55c; ½ lb., 95c; 1 lb., \$1.75, postpaid.

## SUMMER SQUASH

**GIANT SUMMER CROOKNECK.** A variety early as common Crookneck and much larger, frequently two feet long. It is heavily warted, of bright golden color, brittle and tender. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; 1 lb., \$1.00, postpaid.

**MAMMOTH WHITE BUSH.** Cymling or Patty Pan. A very early Summer squash. It is flattened and scalloped, comparatively smooth on the surface and creamy white in color. The flesh is thick and very fine in quality. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; 1 lb., \$1.00, postpaid.

**ITALIAN MARROW—COCOZELLE.** The most delicate and finest flavored Summer squash. Of compact bush growth, the vines yield heavily of fruit averaging 14 inches long and 5 inches in diameter, dark green in color with the yellow and green stripings. Used when 10 inches long and perfectly green. Pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 65c; 1 lb., \$1.20, postpaid.

## GENERAL PURPOSE SQUASH

**EARLY MANDAN SQUASH.** The Very Earliest Squash. This wonderful little Squash, obtained by us from the Mandan Indians, will ripen anywhere, notably in the Montana mountains, where squashes had never been grown before. It is hardy, drought resistant, and of fair quality. Pkt., 10c; oz., 25c, postpaid.



# WILL'S WINTER SQUASHES

## Early and Hardy Varieties

**Kurbiss** (German)

**Squash-graeskär** (Scandinavian)

**Culture:** One ounce to 30 hills, Summer, and one ounce to 15 hills, Winter varieties. Plant at same time as cucumbers and melons, in hills 3 to 4 feet apart for Summer sorts and 7 to 8 feet apart for the Winter varieties. About 30 seeds to the packet of Winter Squash and 70 to the packet of Summer Squash.



**BANQUET.** A golden squash, the result of our cross between Buttercup and Gilmore, earlier and more prolific than Buttercup with Buttercup shape, thick dry orange flesh and fine quality. We raised over 20 tons of this Squash at our nursery in 1937. We're proud of this one. Pkt., 10c; oz., 20c; ¼ lb., 55c; ½ lb., 95c; 1 lb., \$1.75, postpaid.

splendid quality. A superior table variety and an excellent keeper, this is a fine variety for the home garden. Pkt., 5c;

oz., 18c; ¼ lb., 35c; ½ lb., 65c; 1 lb., \$1.10, postpaid.

**Buttercup  
Squash**



**BUTTERCUP.** Originated in North Dakota by Professor A. F. Yeager. The squashes weigh between 3 and 5 pounds with thin, tough green skin. There is no fibrous section and the deep, rich orange flesh has no tinge of green. It is a good keeper with less waste and shrinkage in cooking than any other squash except Banquet. The flavor is sweet and fine; the texture smooth and dry. This is just about the best squash we have ever tasted.

**ORIGINATOR'S STOCK**—Grown at North Dakota Experiment Station under supervision of Professor Yeager. Pkt., 15c; oz., 30c; ¼ lb., 95c; ½ lb., \$1.75; 1 lb., \$3.25, postpaid.

**STANDARD.** Pkt., 10c; oz., 18c; ¼ lb., 50c; ½ lb., 90c; 1 lb., \$1.60, postpaid.



**Table Queen**

**TABLE QUEEN—DES MOINES or ACORN.** The Individual Squash. A small, very productive, acorn-shaped variety, averaging 1 ½ pounds. The thin shell is ribbed and very dark green in color. The orange yellow flesh is thick and of excellent quality. A good keeper. Squash of this variety may also be used as summer squash if picked when half grown. Pkt., 5c; oz., 14c; ¼ lb., 40c; ½ lb., 60c; 1 lb., \$1.10, postpaid.

**IMPROVED HUBBARD.** The Standard Winter Squash. More extensively grown than any other variety. The fruits are large, heavy and moderately warted. The shell is a dark bronze-green; flesh a deep orange yellow, fine grained, dry and sweet. Its quality is the standard of excellence. Pkt., 5c; oz., 12c; ¼ lb., 30c; ½ lb., 58c; 1 lb., \$1.00, postpaid.

**WINNEBAGO.** One of the very best of squashes. The squash is long, greenish black in color, and a good keeper. The bright orange flesh is thick, very dry and sweet and less stringy than almost any other squash. Under normal conditions many Winnebago Squash will weigh over 30 lbs. Pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 75c; 1 lb., \$1.35, postpaid.

**RED or GOLDEN HUBBARD.** Similar to Improved Hubbard except for its orange-red color, but slightly smaller and decidedly earlier. The flesh is deep orange, dry and of



**Arikara**

**ARIKARA.** If you want the earliest large Winter Squash, the squash that will set fruit and outyield all others under drought conditions, plant the Ari-kara. The shell is salmon, varied with blue green; flesh orange tinged with green near the shell, of firm texture and good quality. It is a wonderful keeper. Pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 70c; 1 lb., \$1.25, postpaid.



**Improved  
Hubbard**



Liebesapfel  
(German)

Will's  
Early  
Hardy

# TOMATOES

Our Tomato Seed is treated with Red Copper Oxide to prevent "damping off" and seed born disease.

## RED RIVER

**RED RIVER.** One of the earliest and the most solid, meaty early sort we have ever seen. The result of a cross made by Professor A. F. Yeager, Red River is a heavy producer of bright scarlet, medium sized, slightly flattened smooth fruits of solid meat and splendid flavor. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50, postpaid.

**Culture.** Sow in hotbed or shallow boxes in the house in early Spring; when plants are large enough, transplant into hotbed or boxes and when all danger from frost is past transplant into open ground, about four feet apart each way. About 600 seeds to the packet.

**GOLDEN BISON.** A fine addition to the Bison family. Professor Yeager has combined the earliness and compact habit of growth of Bison with a medium sized, smooth, mild Golden Tomato of finest quality. Attractive in salads especially when sliced together with Red Tomatoes. This sort is worth trying. Pkt., 10c;  $\frac{1}{2}$  oz., 35c; oz., 60c.



Millet's Dakota

**MILLET'S DAKOTA.** The hardiest, most drouth resistant early Tomato. Originated by the late John W. Millet of Bismarck, and introduced by us in 1913, it is as early as the earliest strain of Earliana. The fruit is medium sized, smooth, and rich deep scarlet, of high quality. Under unfavorable conditions we believe it will outyield other varieties and we have been surprised at its amazing performances under irrigation. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 45c;  $\frac{1}{4}$  lb., \$1.45, postpaid.

**ALLRED—With a Characteristic New to Tomatoes—ALL OVER RIPENING.** The individual Tomato ripens evenly, turning gradually from allgreen, through the various intermediate shades to Allred. Allred is the name given North Dakota Experiment Station Tomato No. 216 by its originator, Professor A. F. Yeager. The vine is of the determinate Bison type, with meaty, scarlet fruit as early as and larger than Bison. (See inside front cover for colored picture.) Pkt. of about 200 seeds, 20c.

**FARTHEST NORTH.** The Earliest Tomato. Bred by Professor A. F. Yeager for sowing directly outside without starting indoors, the vines are of the Bison or self-pruning type. The red fruit is small, from an inch to an inch and a half in diameter, but thin skinned, meaty and well flavored. The yield is heavy. If you have not been able to raise Tomatoes before, try this one. Pkt., 20c;  $\frac{1}{2}$  oz., 50c.



Ground Cherry

**GROUND CHERRY, HUSK or STRAWBERRY TOMATO.** Not a true Tomato, the round yellow fruits are half an inch in diameter, enclosed in thin paperlike husks. A heavy yielder, very sweet, and used mostly for pies and preserves. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 45c, postpaid.

**JOHN BAER.** Slightly earlier than Bonny Best, a heavy yielder of smooth, firm, medium sized, flattened globe shaped, scarlet fruits. Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., 90c, postpaid.

**EARLY JUMBO.** The earliest large Tomato, this purplish pink sort was developed by Professor Yeager. It is a heavy yielder, very meaty and of high quality. Pkt., 15c;  $\frac{1}{2}$  oz., 40c; oz., 70c.

**WONDERBERRY—GARDEN HUCKLEBERRY.** Not a true Huckleberry, but belonging to the same family as do Tomatoes, Eggplant, and Pepper, this is very productive of round, nearly black fruits, but little smaller than a Concord Grape. These fruits when fully ripe make excellent pies, preserves, and jam. Pkt., 10c; oz., 50c.



Will's  
Early  
Hardy

# TOMATOES

Tomat  
(Scandinavian)

## BISON

### The Tomato for Northern Gardens

We were the first concern to grow and list the best early Tomato yet developed by Professor A. F. Yeager. It is self-pruning or determinate in growth. In place of wasting its vitality in continuous branching, as do practically all other Tomatoes, Bison grows a compact plant and puts all its energies into producing and ripening a heavy and extra early crop of smooth, solid, meaty, medium sized red Tomatoes of finest quality. Many yields up to 40 pounds for one plant have been reported. We believe this is the best thing that Professor Yeager has developd to date and that is saying a lot. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; 1 lb., \$5.50, postpaid.



Bison.

**BONNY BEST.** A splendid second early sort, the bright deep scarlet fruits ripen evenly and are of superior solidity and interior color. A good yielder and most attractive in shape and color. Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., 90c, postpaid.

Used your seed for 25 years, and find them the best there is. The Bison Tomato is the best I have ever had  
Mrs. Nels Larsen,  
Savage, Mont.

**MARGLOBE.** An all-purpose, mid-season Tomato developed by the U. S. Department of Agriculture. The fruits are medium large, nearly globular, smooth and solid. This variety is resistant to wilt. Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., 90c, postpaid.



Bison has turned out to be our most satisfactory plant for either out of doors or Greenhouse planting.

James Johnson,  
Gardener,  
Circle Hot Springs,  
Alaska.

## EARLIANA

You can't beat our Selected Early Strain of this grand old sort. One of the earliest varieties and very productive. The fruit is fair sized, round, very smooth and solid, and produced in clusters in the center of the plant. The color is bright scarlet. Pkt., 5c;  $\frac{1}{2}$  oz., 20c; oz., 35c;  $\frac{1}{4}$  lb., \$1.10, postpaid.

For Tomato Plants See Page 56.



Fargo Yellow Pear.

**FARGO YELLOW PEAR.** In this sort, Professor A. F. Yeager has combined the earliness and self-pruning habit of his Bison Tomato with typical Yellow Pear fruit. Its extreme earliness and heavy yields are worth while. Pkt., 15c.

**PINK PEACH.** This excellent sort resembles a peach in size and shape. The surface of the fruit is covered with a down much like its namesake. It makes delicious preserves and pickles and is fine for salads. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 45c, postpaid.

**YELLOW PLUM.** A beautiful sort, much resembling a plum in size and shape; widely used for preserving. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 45c, postpaid.

**RED CHERRY.** The fruits are very small, about the size of a large cherry, smooth and round. It bears early and freely until frost, and is used for preserving. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 45c, postpaid.





**Kohlrübe**  
(German)

# Will's Rutabagas

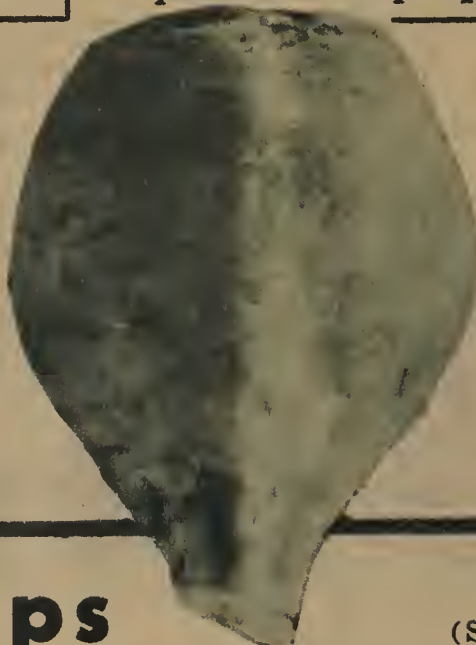
**Roe**  
(Scandinavian)

**WILL'S IMPROVED AMERICAN PURPLE TOP YELLOW.** The roots are large, globe shaped, with small necks and tap roots, bright yellow with purple tops. The flesh is very solid, yellow, tender and sweet. Our strain is very hardy, productive and a good keeper. Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 35c; 1 lb., 60c, postpaid. Not prepaid, 5 lbs., \$1.65.

**EARLY NECKLESS.** A purple top yellow Rutabaga, three weeks earlier than American Purple Top, entirely neckless, free from side roots, round and uniform, of fine quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 70c, postpaid. Not prepaid, 5 lbs., \$2.25.

**WHITE SWEET PERFECTION.** This white Rutabaga is a heavier yielder than most of the yellow sorts. Especially desirable for table use, it is small necked, fine grained and sweet. Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 35c; 1 lb., 60c, postpaid. Not prepaid, 5 lbs., \$1.65.

**CULTURE:** Sow latter half of June or first of July. Plant about ½ in. deep. Rows should not be less than 20 inches apart. Thin to 8 to 10 inches apart in the row. One ounce will sow 250 ft. of drill; 1½ lbs. an acre of drill, and 2½ lbs. an acre broadcast. About 1,900 seeds to the packet.



**PAJBJERG BANGHOLM.** The roots are purple-topped and yellow with very small necks. The flesh is yellow, exceedingly solid and crisp. This is the sweetest Rutabaga, a heavy yielder and a splendid keeper. Our Danish grown seed gives uniformly satisfactory results and is much used in commercial plantings. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 70c, postpaid. Not prepaid, 5 lbs., \$2.25.

Will's Improved  
American Purple  
Top

**Weiss-Rübe**  
(German)

## Turnips

**Turnips**  
(Scandinavian)

**CULTURE:** Sow seed early in spring for summer crop and about July first for fall crop. Culture and quantities same as Rutabaga, but do not require as much thinning. About 2,200 seeds to the packet.

**PURPLE TOP STRAPLEAF.** Widely cultivated, a quick grower, and very productive. The roots are flat, medium sized, purple above ground and white below. The flesh is white and of fine quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 65c, postpaid.

**EARLY WHITE MILAN.** The earliest Turnip, can be used for spring or summer planting. The creamy white roots are medium sized, flat and uniform. The white flesh is fine-grained, tender and sweet. Pkt., 5c; oz., 10c; ¼ lb., 27c; ½ lb., 43c; lb., 75c, postpaid.

**EARLY PURPLE TOP MILAN.** Nearly as early as White Milan. The roots are medium sized, flat, white with purple top, and clear white flesh. Pkt., 5c; oz., 10c; ¼ lb., 27c; ½ lb., 43c; lb., 75c, postpaid.

**EARLY WHITE FLAT DUTCH.** A very early flat turnip of medium size and clear white skin. The flesh is very white, fine-grained and sweet. One of the most popular sorts for home or market. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 70c, postpaid.

**WHITE EGG.** A medium sized, very early, snow-white variety, with firm, fine-grained flesh. Does not crack as readily as the flat varieties. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 70c, postpaid.

**PURPLE TOP WHITE GLOBE.** The most popular variety for general planting. A good sized, globe-shaped sort of a fine appearance, a good producer and keeper. The flesh is firm, fine-grained, tender and sweet. Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 35c; lb., 60c, postpaid.

**GOLDEN BALL.** The Best Yellow Globe Turnip. The orange yellow roots average 4 inches in diameter, with fine grained yellow flesh of excellent quality. A good keeper. Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 35c; lb., 60c, postpaid.



Purple  
Top  
White  
Globe



# Pioneer SEED CORN BRAND

Prices of Seed Corn include sacks, are f. o. b. here and subject to prior sale and change without notice. **TEST ALL SEED CORN WHEREVER OBTAINED.**

For 55 years Oscar H. Will & Co. have been growing, breeding and selling seed corn for Northwestern conditions.

We have kept up with every new development in corn growing and started the production of hybrid seed corn long before the present recognition of the value of hybrid seed. As a result we are again the only firm ready to offer hybrid seed of hardy, acclimated varieties. You will note on this page pictures taken in our corn plots, of corn breeding details. We have in process of development a number of other inbreds of native varieties for the production of Hybrid Seed.

And our regular seed corn too is showing higher quality and purity every year. It is all grown for us or by us from hand picked and carefully selected seed ears. The seed so selected is treated against such corn diseases as can be controlled and grown under our supervision.

We have bred and developed all of the outstanding corn varieties for the Northwest and we continue the same work every year. Therefore Oscar H. Will & Co. Seed Corn represents a standard—its equal can be obtained from no other seed house.

Buy your seed corn from the seed corn specialists, Oscar H. Will & Co.

## FALCONER CORN

An Oscar H. Will & Co. Introduction

Falconer, the most commonly grown corn in the Northwest, needs no introduction to our customers. We have a good supply of our own strain of genuine Falconer. Falconer is the ideal corn for drought, hail and cold resistance. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 60c; ½ bu., \$1.25; bu., \$2.30; larger lots @ \$2.25.

## HYBRID SEED CORN

This is corn produced from tested crosses either of inbreds of a single variety or of selected stocks of two greatly different varieties. Hybrid vigor has long been recognized as a result of crossing in cattle and has of late years been demonstrated to be a result also of crossing breeds of hogs, poultry and corn. Hybrid corn usually is more vigorous, more disease resistant and much more productive than the common or open pollinated varieties. To produce a hybrid of any variety pure inbreds are first isolated by self pollinating.

Hybrid corn is sold in sealed bags of 1 bu. size or less.

### N. D. A. C. DAKOTA FLINT HYBRID

Produced under the outstanding corn specialist, Dr. P. J. Olson. This hybrid has greater height and heavier ears and is still as early as the parent stock. Lb., 40c, postpaid. F. O. B. here: 10 lbs., \$1.50; ½ bu., \$4.00; 1 bu., \$7.00.

ing for 3 to 5 years. Those giving best results to the number of 2 to 4 strains are grown to use in producing the desired hybrid and to carry on the pure strain from year to year. Hybrid seed corn must be the product of a fresh crossing each year to be of any value.

Sometimes it is found that two regular open pollinated varieties which differ widely in type from each other will also show great hybrid vigor and improvement in production. Such hybrids are called top crosses.

### WILL'S NORTHWESTERN DENT HYBRID

A combination of several inbreds grown by us for some fifteen years. This hybrid yields more and is more vigorous and smut resistant than open pollinated strains. Lb., 40c, postpaid. F. O. B. here: 10 lbs., \$1.50; ½ bu., \$4.00; 1 bu., \$7.00.

### Early Minn. 13 Hybrid

Obtained by us from one of the best corn breeders and growers in Minnesota, we offer this hybrid after a careful test on our own trial plots. Lb., 50c, postpaid. F. O. B. here: 10 lbs., \$1.75; ½ bu., \$4.00; 1 bu., \$7.00.

### Falconer-Alta Top Cross

This hybrid between the Alta Yellow Dent and Falconer Semi-dent has proven its value for several seasons in our trials. The increase in yield and vigor of the cross is outstanding. Lb., 40c, postpaid. F. O. B. here: 10 lbs., \$1.25; ½ bu., \$3.25; 1 bu., \$6.00.

### A CORN HANDBOOK FOR THE NORTHWEST

Corn Varieties, Corn Planting, Growing, Harvesting

This book covers the subject of Corn for the Great Plains and the Northwest fully and treats of corn growing in every department. Written clearly and concisely it can be used as a text book in agricultural classes. Price, 50c. Postpaid, 60c. A Copy Free with each \$10.00 Corn Order.



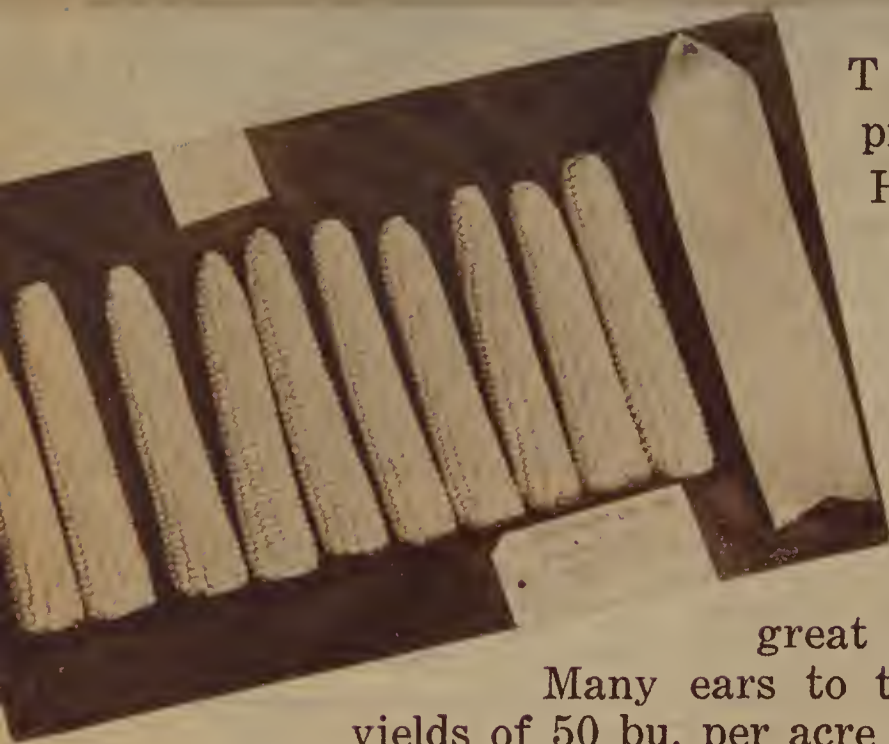
Pollinating inbreds



Crossing Plot



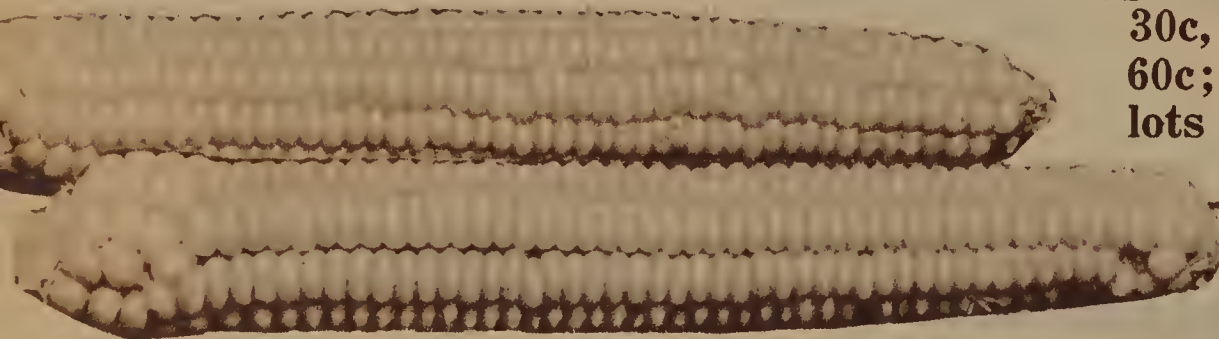
# DAKOTA WHITE FLINT



The first variety produced by Oscar H. Will in the early eighties. A pure, pearly white flint, 8 to 12 rowed, long slender ears with small cob and a great deal of grain.

Many ears to the hill, and yields of 50 bu. per acre have been reported. Stalks are leafy and bushy, a wonderful variety to feed off in the field. Height from 3½ to 5½ ft. Lb.,

30c, postpaid. F. O. B. here: 10 lbs., 60c; ½ bu., \$1.20; bu., \$2.40; larger lots @ \$2.30.



Shota

Ears mostly 8-rowed, longer than Dakota, higher on the stalk which is also a foot taller. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 60c; ½ bu., \$1.35; bu., \$2.50.

## SHOTA FLINT

A cross between Dakota and a taller, later flint from New York.

## MERCER FLINT

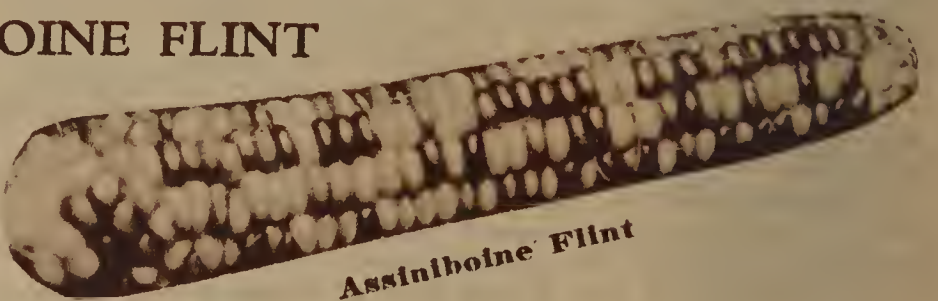
A fine silage variety with stalks 6 to 8 ft. high, leafy, with slender stalks, ears long and slim, several to a hill, color orange yellow. A second early sort that does not always mature in short seasons. Fine to feed in the bundle as well as for silage. We have an extra good acclimated strain. Lb., 30c, postpaid. F. O. B. here: 10 lbs., 60c; ½ bu., \$1.40; bu., \$2.50.



Mercer

## ASSINIBOINE FLINT

From the Assiniboine Indians of Canada — Earliest Type of Corn Grown.



Assiniboine Flint

This is hardened by 50 to 75 years of life in Canada to withstand cold and frosts. It matures the earliest of anything we can offer. Height, 2 to 4 ft., ripens in 60 days. Drill thickly and hog off for real profit. Lb., 30c, postpaid; F. O. B. here: 10 lbs., 70c; ½ bu., \$1.50; bu., \$2.75.

Feb. 16, 1937.  
My Dakota White Flint Corn husked out 100 bushels of ears per acre from the seed you sent me last spring.  
JOE A. STANFORD, Route No. 2, Hamilton, Montana.

Jan. 16, 1937.  
Would you please send me your 1937 catalog. I got seed from you last year and they sure do fine here. The semi-dent corn under these conditions I never saw its equal. So I have got to order semi-dent with some other seeds.

CHAS. C. DEWEY, Benton, Calif.  
March 23, 1937.

I am always glad to get seed from you as I feel sure they will grow. If you remember I got 10 lbs. of Gehu Corn from you in June last year. I received it the 20th and planted it the same day. Some of it was up the 4th day after planting. That Corn went through the worst heat and drought we ever knew here and I cut and shocked it the 17th of Sept. and got plenty of seed for this year's planting. It run about 75% sound corn and is hard to cut but makes the best stock fodder I ever saw. My cattle eat it all. No waste like the bigger fodder.

Wishing you the best of success.

JOHN M. MONTGOMERY, Route No. 1, Cohasset, Minn.

WILL'S PIONEER SEEDHOUSE, GREENHOUSE AND NURSERY



# Northwestern Dent

Our strain of Northwestern Dent is the original introduction. We catalogued and named it, after several years work with it, in 1896. Will's Strain is best adapted to most of the Northwest—be sure that you get it by purchasing only Will's Missouri Valley grown stock. Lb., 40c, postpaid. F. O. B. here, 10 lbs., 60c;  $\frac{1}{2}$  bu., \$1.25; bu., \$2.25; larger lots @ \$2.10.



## GEHU YELLOW FLINT

Gehu was one of our first introductions and has been shipped by us to nearly every country on the globe. It is **drouth, heat, hail and cold resistant**. Also it is reputed to **fatten live stock more economically** than any other corn variety. Wonderful for feeding off in the field by hogs, sheep or cattle. Lb., postpaid, 30c; 10 lbs., 60c;  $\frac{1}{2}$  bu., \$1.25; bu., \$2.25; larger lots @ \$2.10.

## FLOUR CORNS

The flour corns are rapidly growing in popularity—and justly so. They are completely ground and digested by live stock, **contain very high percentages of fattening elements**, and are perhaps the **most drouth resistant** of any types of corn known. Excellent for silage or feeding in the field on account of the abundance of foliage.

## MANDAN WHITE FLOUR

This corn is one of the original varieties grown by the Mandan, Arikara and Hidatsa Indians for the past several hundred years in the central part of North Dakota. Very early, very cold resistant and a high yielder. Lb., 35c, postpaid. F. O. B. here, 10 lbs., 75c;  $\frac{1}{2}$  bu., \$1.50; bu., \$2.75.

## MANDAN NAVAJO YELLOW FLOUR

A cross between the Mandan flour corn and one of the desert varieties of flour corn from the Navajo Indians of Arizona. Inherits the drouth resistance, long leaves and heavy forage qualities of its desert parent. Lb., 40c, postpaid. F. O. B. here, 10 lbs., 75c;  $\frac{1}{2}$  bu., \$1.60; bu., \$3.00.

## PRIDE OF THE PLAINS WHITE FLOUR

The Pueblo Indian corn of New Mexico matures a crop with no moisture but the spring rains, it may be planted 10 inches deep in moist soil and will force its stalk to the surface from there. Its leaves are 50% longer than those of other types. Pride of the Plains is a cross between this Pueblo corn and Mandan White Flour. Lb., 40c, postpaid. F. O. B. here, 10 lbs., 75c;  $\frac{1}{2}$  bu., \$1.60; bu., \$3.00.

Gehu



Pride of the Plains

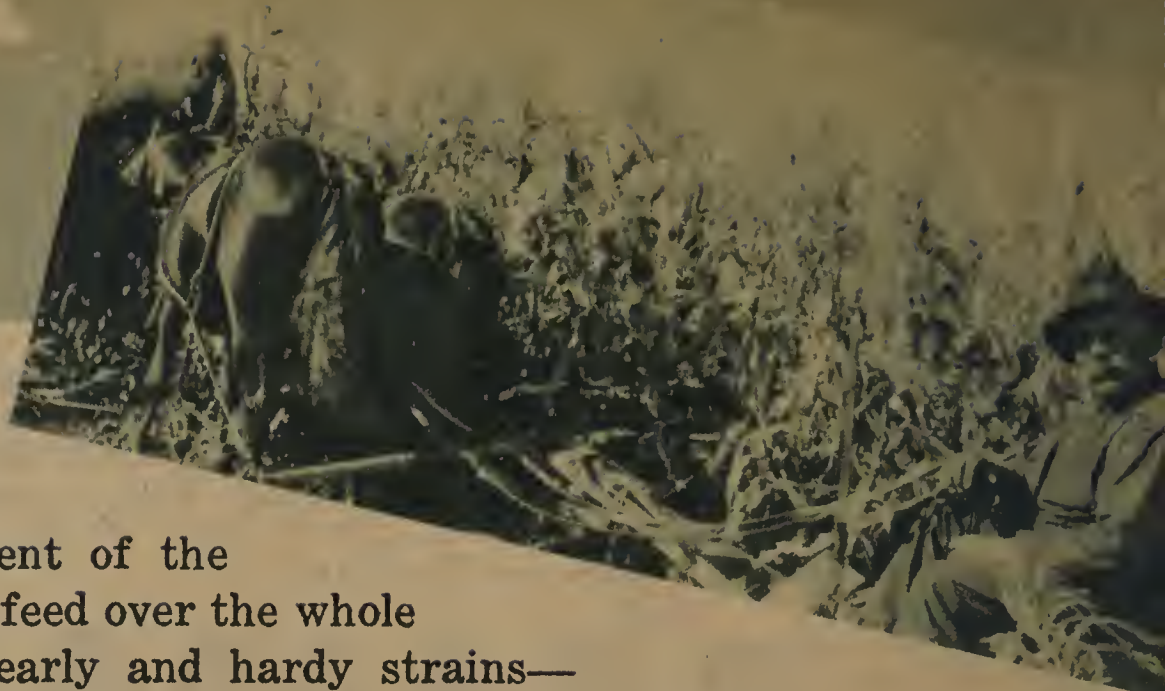
Pride of the Plains



# MINNESOTA EARLY YELLOW DENT

## MINNESOTA 13 EARLY STRAINS

This is the standard yellow dent of the North and is useful for silage and feed over the whole northwest. We offer two extra early and hardy strains—**HANEY STRAIN** and **BOYD STRAIN** at the same price. The latter strain is a native of Burleigh County. Price: lb. postpaid, 30c; F.O.B. here; 10 lbs., 60c; ½ bu., \$1.25; bu., \$2.25; larger lots @ \$2.10.



Minnesota 13 Early Strains.

## ALTA DENT

As early as the early strains of Minnesota 13, bred in western South Dakota and consequently adapted to drier conditions and higher altitude. A handsome and valuable pure yellow dent. Lb., 30c, postpaid. F. O. B. here; 10 lbs., 60c; ½ bu., \$1.40; bu., \$2.50; larger lots @ \$2.25.



Alta Yellow Dent

## SQUARE DEAL YELLOW DENT

An Oscar H. Will introduction, Square Deal is the earliest of all yellow dents. The ears are small but the kernels are very deep and the shelling proportion is very high. Prefers rather moist soils. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 60c; ½ bu., \$1.25; 1 bu., \$2.25; larger lots @ \$2.10.



Square Deal

March 24, 1937

Have been seeding your seed corn, Square Deal, for two seasons with good results considering very dry seasons.

Axel F. Satterstrom,  
R. No. 1 Rapid River, Mich.

## RUSTLER WHITE DENT—CRIMMINS STRAIN

This especially adapted strain for central and western North Dakota has been bred by Mr. D. C. Crimmins of Hazelton, N. D. He is a corn breeder of note, winner of many premiums at the State Corn Show, and in this strain of Rustler has given us a very valuable corn. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 60c; ½ bu., \$1.40; bu., \$2.50; larger lots @ \$2.25.

## PAYNE'S WHITE DENT

An early corn which has done very well at the Great Plains Experiment Station at Mandan. A trifle larger ears than Pioneer. Lb., 40c, postpaid. F. O. B. here, 10 lbs., 60c; ½ bu., \$1.60; bu., \$3.00.

48 WILL'S PIONEER SEEDHOUSE, GREENHOUSE AND NURSERY



Crimmins  
Rustler



# Pioneer White Dent

The earliest and hardiest White Dent in cultivation. Also the most drouth resistant dent that can be grown. Easy to pick, even in maturing. We had just last winter an interesting letter from Mr. B. F. Schuster who sent us our original breeding stock 30 years ago.

Ears average 6 to 8 inches long, nearly cylindrical, 14 to 16 rows, white with occasional pink shading. Stalks 5 to 7 ft., ears 2 ft. up. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 70c; ½ bu., \$1.25; bu., \$2.30; larger lots @ \$2.25.



## Acme Fodder

A Natural Hybrid

Almost perfect as a silage corn. This is a mixture of off type early dents and semi-dents with a previous year's cross. This sort of combination means heavy growth and yield combined with the natural earliness of its components. Easily handled with a binder. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 60c; ½ bu., \$1.25; bu., \$1.85; larger lots @ \$1.75.

The 4X is, we consider, the very best procurable fodder Corn for Northwestern conditions. We get this grown just far enough south so that the maximum quantity of fodder is produced and at the same time the stalks come near enough to maturity so that they are not all water. The best time to cut Corn for fodder is when the kernels are just past the roasting ear stage.

## 4X Fodder Corn

Southern Grown, Tall, Leafy



4X Fodder.

Sow or drill ten pounds to one-half bushel per acre, if planted with a planter; 2½ bu. if broadcasted. F. O. B. here, 10 lbs., 35c; ½ bu., 75c; 1 bu., \$1.10; larger lots @ \$1.00.

## SWEET FODDER CORN—Wonderful Feed for Milch Cows

Sweet Fodder is coming to occupy a place of very high esteem as a feed for milch cows. Owing to the fact that its sugar content is so high it is a more concentrated feed than the ordinary Corn. It is

likewise a heavy yielder as it is so bushy, and there are no heavy, coarse stalks which are usually waste. Prices are very reasonable this year. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; 25 lbs., \$2.25; 50 lbs. or more @ 8c.

## INTERESTING CORN VARIETIES

For Novelty Trials, Breeding Experiments, etc.

We know that many of our customers are interested in experimental work with Corn and in the observation of novel and little known sorts. We have therefore listed here a few of the many unusual types that we are constantly growing and observing, and we hope to present others each year.

Price, lb., postpaid, 40c; F. O. B. Bismarck, 5 lbs., 75c.

**ZUNI-PERUVIAN RED HYBRID.** This is an interesting Corn, particularly on account of the very dark reddish purple color which in many of the plants dominates ear, cob, stalk and leaves. It has possibilities as an ornamental.

**MANDAN BLACK or PURPLE.** One of the most interesting of the flour corn types from the Ft. Berthold Indians. The darkest color in corn.

**MANDAN CLAY RED.** Another of the several Mandan varieties of flour corn, being distinct only as to color, which is most unusual.

**EARLY RUSSIAN FLINT.** We have red, yellow and white varieties of these very early flints which come from Siberia and north central Russia. Ears are well up on the stalk although the corn is only 60 to 70 days in maturing.

**RUSSIA BEZENTCHONSKAYA.** This is one of the early Siberian flints with small kernels which has possibilities as a popping variety.

**MANDAN BLUE FLOUR.** One of the very early and hardy flour corns from the Ft. Berthold Indians. Our stock came some years ago from a Mandan corn grower called Water Chief.

**LARGE RED SWEET CORN.** An interesting cross between Northwestern Dent and Golden Bantam made by our Mr. Starkle some years ago. Great possibilities as a feed and forage variety.

**HOWE'S ALBERTA.** A very short, very early yellow flint developed at one of the Alberta Experiment Stations.



# RAINBOW FLINT

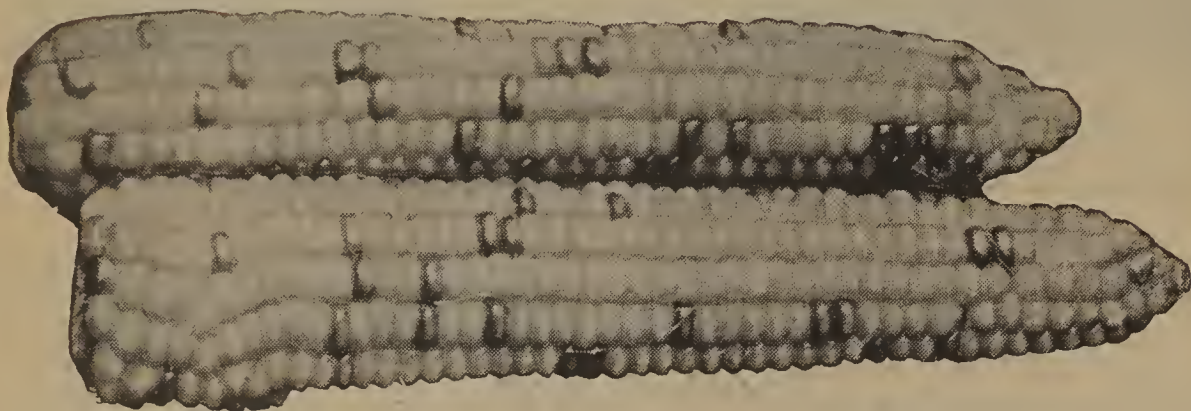
## DROUTH RESISTANT—A TREMENDOUS YIELDER

We have two strains. The **Great Plains Strain** was developed at the U. S. Station of Mandan, is earlier and better adapted to Great Plains conditions.

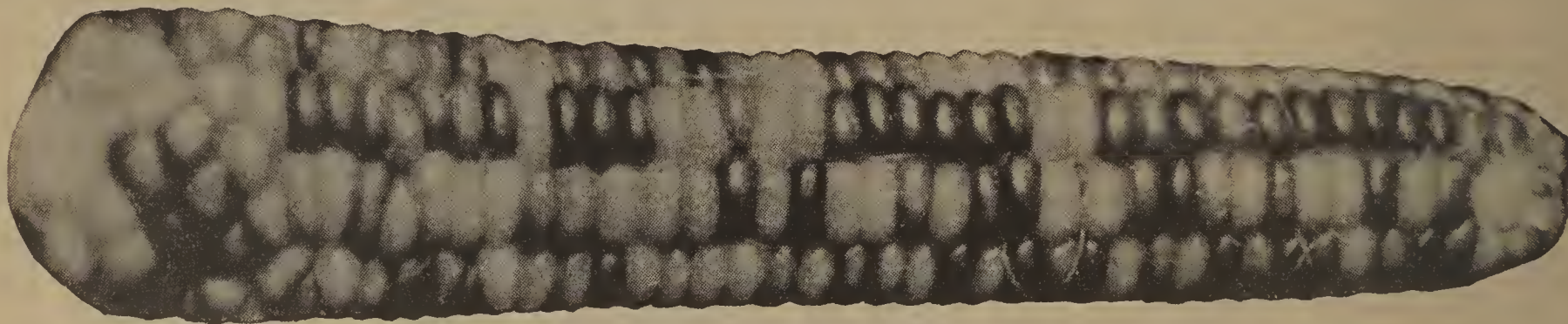
The **South Dakota Strain** is somewhat taller and later.

Rainbow is probably the safest and best silage and feed corn for our section, and the heaviest producer.

**S. D. Strain.** Lb., 40c, postpaid. F. O. B. here, 10 lbs., 60c;  $\frac{1}{2}$  bu., \$1.35; bu., \$2.60; larger lots @ \$2.50.



**Great Plains Strain.** Lb., 40c, postpaid. F. O. B. here, 10 lbs., 65c;  $\frac{1}{2}$  bu., \$1.45; bu., \$2.75.



## BURLEIGH COUNTY MIXED or DAKOTA SQUAW CORN

**Hardy—Early—Heavy Yielding.** This is a mixed form of the early flint and is the first variety listed by us after our business was started. It has retained its popularity through all the years since on account of its extreme earliness, and its unusual hardness and heavy yield. It is very resistant to both drought and frost and fully as heavy

a yielder as any variety of early flint. It is a flint Corn of mixed colors, yellow, white, blue and red predominating, ears long and slender mostly eight-rowed. This Corn shells out heavier than any other variety. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 60c;  $\frac{1}{2}$  bu., \$1.35; bu., \$2.50; larger lots @ \$2.40.

Prices include sacks, and are subject to market changes without notice.

Write for prices on large lots. In case of price advances, value will be sent. Get Our Special Price List, issued at intervals after January 15th.

## WRITE FOR OUR BLUE PRICE LIST FOR ITEMS NOT QUOTED HERE

### DWARF ESSEX RAPE

Sow 6 to 10 lbs. per acre.

Very popular for hog and sheep pasture where soil is good and fairly well watered. Keeps growing out as it is eaten off and is not easily damaged by frost. Lb., 30c, postpaid. F. O. B. Bismarek, 10 lbs., \$1.00; 50 lbs., \$4.75; 100 lbs., \$8.50.

### PIONEER BRAND FIELD PEAS

**NORTH DAKOTA GROWN EARLY CANADA FIELD PEAS.** Field Peas are one of the most useful of crops. The straw is equal to clover hay, and the grain is one of the most nourishing of foods for all kinds of stock. In order to aid in harvesting it is recommended that they be sown with oats or Spring rye. Lb., 25c, postpaid. F. O. B. Bismarek, 10 lbs., 80c; 50 lbs., \$2.50; 100 lbs., \$4.50.

**WHITE MARROWFAT.** Shorter than Canadian peas with a very large pea, also a bit later. A heavy yielder and a fine pea for human consumption. Lb., 25c, postpaid. F. O. B. Bismarek, 10 lbs., 90c; 50 lbs., \$3.25; 100 lbs., \$6.00.

### PIONEER BRAND BUCKWHEAT

Sow  $\frac{1}{2}$  to 1 bushel per acre, or 25 to 50 lbs.

This is the variety commonly grown in the Northwest, and which is used so extensively there as a late crop, and as a smothering crop for land badly infested with weeds. Buckwheat is an excellent poultry food, a fact that is too little appreciated by most poultry raisers. Lb., 20c, postpaid. F. O. B. Bismarek, 10 lbs., 50c; 25 lbs., \$1.10; 50 lbs. or more @ 4c per lb.

### SUNFLOWER SEED

Valuable as a poultry and parrot food, as a food for human consumption often going under the name of Russian peanuts, and also for silage. Lb., 27c, postpaid. F. O. B. Bismarek, 10 lbs., \$1.25; 50 lbs. or more @ 10c.

### KOREAN LESPEDEZA

A new forage crop that has proven very useful farther south. It is able to endure drouth, heat and poor soil and still make excellent pasture. An annual legume. Showed up well in our trials for the past three years. Postpaid, 1 lb., 40c. F. O. B. here @ 30c per lb.



# CHOICE SEED POTATOES

Prices Subject to Market Change Without Notice

**WARBA.** A cross between Triumph and a Minnesota seedling. Round, white, with pink eyes. Early and a very heavy yielder. Resistant to mosaic and hot, dry weather. Price F. O. B. here, 1 pk., 40c; ½ bu., 75c; bu., \$1.40; larger lots @ \$1.35.

**IRISH COBBLER.** A medium late or main crop sort. Yields very heavily under good conditions. A round, flattened potato of large size with many to the hill. F. O. B. here, pk., 30c; ½ bu., 50c; 1 bu. or more @ 90c.

**CHIPPEWA.** Possibly the best of all recent new introductions. A large white potato, oblong, very disease resistant, of excellent quality and an extremely heavy yielder. A medium late sort. F. O. B. here, pk., 50c; ½ bu., 85c; 1 bu. or more @ \$1.50.

**TRIUMPH.** An early, round red potato, much sought in the south for winter growing. Uniform in size and shape and a very heavy yielder. F. O. B. here, pk., 30c; ½ bu., 50c; 1 bu. or more @ 90c.

**EARLY OHIO.** The old favorite. Stands more drouth and hot weather than any sort we know. F. O. B. here, pk., 30c; ½ bu., 50c; 1 bu. or more @ 90c.

## Potato Eyes

We can furnish carefully cut eyes from any of the above varieties. These dry out in very dry weather quicker than larger pieces but otherwise are very satisfactory. They save considerable in transportation costs. Plant 8,000 to 12,000 per acre. Price, 100 postpaid, 60c; 1000, \$5.00. F. O. B. here, 1000, \$4.50.

## Soy Beans

We have experimented with and listed these for many years and are pleased to see the present interest in them. Wonderful hay or forage even should they fail to ripen. We can now furnish two of the best sorts for the north—**Minsoy** and **Wisconsin Black**. Lb., postpaid, 20c. F. O. B. here, 10 lbs., \$1.00; 50 lbs., \$3.75; 100 lbs., \$7.00.

## Sudan Grass

The most productive and fastest growing of annual forage plants. Hay is of best quality for every kind of stock. Can be cut several times in a favorable year. Do not sow before June first. Lb., postpaid, 16c. F. O. B. here, 10 lbs., 45c; 50 lbs., \$2.00; 100 lbs. or more @ \$3.75.

## Sooner Milo

One of the newer grain sorghums which we have been watching in our trials. With us it has been the **earliest and surest**, in addition it has produced **nearly twice as much growth** as any other extra early sorghum. We believe that **Sooner** has a real place in the northern Great Plains. Lb., 15c, postpaid. F. O. B. here, 10 lbs., 50c; 50 lbs., \$1.75; 100 lbs., \$3.25.

## Early Amber Cane

Earliest and most widely used of all the sweet sorghums for planting in the Northwest. Excellent both for silage and roughage. Price lb., postpaid, 20c. F. O. B. here, 10 lbs., 40c; 50 lbs., \$1.60; 100 lbs., \$3.00.

## Korean Lespedeza

A new forage crop that has proven very useful farther south. It is able to endure drouth, heat and poor soil and still make excellent pasture. An annual legume. Showed up well in our trials for the past two years. Lb., 40c, postpaid. F. O. B. here, 10 lbs., \$3.00.

## Hay Millets

**SIBERIAN MILLET.** This is the hardiest and most planted variety in the Northwest. Does not degenerate from planting northern seed as do some sorts. We supply either northern or southern grown, as they are of equal value. Lb., 20c, postpaid. F. O. B. here, 10 lbs., 40c; 50 lbs., \$1.50; 100 lbs., \$2.75.

**WHITE WONDER MILLET.** The White Wonder has come to be recognized as one of the very best hay millets for the Northwest. It is drought resistant with heavy foliage and broad leaves, producing an immense amount of excellent fodder. Lb., 20c, postpaid. F. O. B. here, 10 lbs., 45c; 50 lbs., \$2.00; 100 lbs., \$3.75.

**SOUTHERN GROWN GERMAN MILLET.** This is German millet, sometimes called Golden, raised in the latitude of Kansas and southern Nebraska from which region comes the German millet best adapted to our requirements in the Northwest. Lb., 20c, postpaid. F. O. B. here, 10 lbs., 45c; 50 lbs., \$2.00; 100 lbs., \$3.75.

**HUNGARIAN MILLET.** This variety is one of the best adapted to northern conditions of any sort. It is better suited to cooler weather than any other kind, and under such conditions will mature seed which does not degenerate as does the northern grown seed of some sorts. Lb., 25c, postpaid. F. O. B. here, 10 lbs., 60c; 50 lbs., \$2.25; 100 lbs., \$4.00.

**JAPANESE MILLET.** This variety is of a different family from the others. It does best on heavy, moist soil where it will usually produce two cuttings or a great amount of pasture. It is better for horses than the ordinary sorts. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 50c; 50 lbs., \$2.25; 100 lbs., \$4.00.

## Hog or Proso Type Millets

**EARLY FORTUNE or RED PROSO.** This red form of the proso or hog millet type is in especial favor for mixture in poultry foods and many tons are imported every year for that purpose. One of the surest crops in the Northwest, and especially valuable as a grain crop for late planting. Lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 30c; 50 lbs., \$1.00; 100 lbs., \$1.75.

**BROOM CORN or YELLOW PROSO.** The first type of Proso grown in the Northwest. Color varies from yellow to creamy white. Resembles Early Fortune except in seed color. Lb., 20c, postpaid. F. O. B. here, 10 lbs., 30c; 50 lbs., \$1.20; 100 lbs., \$2.00.

**TURGHAI PROSO.** We are glad to offer this very excellent variety of proso. We believe it to be the heaviest yielder of any proso, the earliest, and a tall growing, non-lodging variety as well. The seed is a rich, dark reddish brown in color, and of very beautiful appearance. Sells on the market at red proso prices. Very valuable as poultry feed for all kinds of stock, the straw also having unusually good feeding quality. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 40c; 50 lbs., \$1.50; 100 lbs., \$2.50.

Black Voronezh is not recommended by Dept. of Agriculture bulletins for the north owing to its lateness. Hence we do not list it.

Prices include sacks, and are subject to market changes without notice

Write for prices on large lots. In case of price advances, value will be sent. Get Our Special Price List, issued at intervals after January 15th.



**NOTICE**—These prices subject to change. Our blue price list issued once or twice each month gives latest prices and may be had on request.

**NOTE ALSO THAT ALL PRICES INCLUDE COST OF SACKS.**

We are marking our germination and purity tests on bulk shipments of seed grain, field seeds, and seed corn. These tests are arrived at by careful and scientific methods, and are as nearly exact as we can make them. It must be understood, however, that they are only for customer's guidance and are not a guarantee. Always make your own tests of seed grain and field seeds. **Field seeds and grain are sold under the non-warranty clause on Page 2.**

## SEED OATS

**GOPHER.** These are perhaps the best all around oats for North Dakota today and increase in popularity each year. Very early and at the same time very heavy yielding. A product of the Minn. Experiment Station. Lb., 20c, postpaid. F. O. B. Bismarck, ½ bu., 35c; bu., 50c; larger lots @ 48c.

**KHERSON or SIXTY DAY.** The earliest oat and hence ripens before wild oats; suited to dry conditions, and a good yielder. Lb., 20c, postpaid. F. O. B. Bismarck, ½ bu., 30c; bu., 48c; larger lots @ 45c.

**VICTORY.** This is the standard mid-season oat and is of the Swedish Select type but somewhat improved. Very popular over the Northwest and a fine yielder. The grain is very plump and heavy. Lb., 20c; postpaid. F. O. B. Bismarck, ½ bu., 35c; bu., 50c; larger lots @ 48c.

**RAINBOW.** This is one of the newer varieties which has been very good in the lower and moister sections. Its chief value is its rust resistance. Lb., 20c, postpaid. F. O. B. here, ½ bu., 35c; bu., 55c; larger lots @ 52c.

## SEED FLAX

**BISON.** This variety seems to be the most popular for several reasons. It is both wilt and rust resistant, it is large seeded and heavy yielding, very tall and bushy. Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., 70c; ½ bu., \$1.75; bu., \$3.25.

**GOLDEN FLAX.** The new high yielding, disease resisting variety that has given such excellent results in all recent trials. Supply very limited and we are fortunate to be able to offer it. Lb., 40c, postpaid. F. O. B. here, 10 lbs., 75c; ½ bu., \$2.25; bu., \$4.00.

**CLEAN SEED FLAX.** This is unpedigreed flax seed of good quality, suited for breaking planting. Lb., 30c, postpaid. F. O. B. Bismarck, ½ bu., \$1.60; bu., \$3.00.

## SPELTZ OR EMMER

**SEED SPELTZ or EMMER.** This is the ordinary speltz grown throughout the state and without a pedigree. Fine horse, hog, poultry and cow feed. Lb., 20c, postpaid. F. O. B. Bismarck, bu. (40 lbs.), 80c; larger lots @ 75c.

Prices for Winter Wheat and Winter Rye on Request.

## THATCHER WHEAT

### CERTIFIED SEED

The new rust resistant wheat from the Minnesota Experiment Station which did so well last season. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., 50c; ½ bu., \$1.25; bu., \$2.25.

## DURUM or MACARONI WHEAT

**KUBANKA.** Certified Seed. For general excellence in every way the Kubanka still holds first place. We have a wonderfully pure stock this year of excellent quality. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., 60c; ½ bu., \$1.00; bu., \$1.75.

**RED DURUM.** The rust-proof, heavy yielding durum that is used entirely for feed. Lb., 30c, postpaid. F. O. B. here, 10 lbs., 50c; ½ bu., 75c; bu. or more @ \$1.40.

## SEED BARLEY

**WISCONSIN NO. 38.** A heavy yielding 6 row malting barley with smooth beards. Lb., 20c, postpaid. F. O. B. here, ½ bu., 70c; bu., \$1.25; larger lots @ \$1.20.

**6-ROW MANSURY.** This is a good quality of seed barley which gave an excellent yield but which is not identified as a definite sort. Lb., 20c, postpaid. F. O. B. Bismarck, bu., \$1.00; larger lots @ 95c.

**TREBI.** This is perhaps our heaviest yielding barley and the best for feed purposes. It is a strong growing six row variety which is not suitable for malting. Lb., 20c, postpaid. F. O. B. Bismarck, ½ bu., 50c; bu., 90c; larger lots @ 85c.

## PROLIFIC SPRING RYE

This is a new spring rye which very much out-yields the common sort, supply is limited and hard to locate. A very large type. Lb., 30c, postpaid. F. O. B. Bismarck, ½ bu., 60c; bu., \$1.10.

## NORTH DAKOTA SPRING SEED RYE

First quality North Dakota grown seed rye of high purity and germination. Spring rye is scarce and hard to find. Lb., 25c, postpaid. F. O. B. Bismarck, ½ bu., 55c; bu., \$1.00.

## Pioneer Brand Clover Seed

**WHITE DUTCH or LAWN CLOVER.** White clover is a hardy, low growing, perennial variety that is used in some sections for pasture, and is universally used for lawns, either alone or in combination with grasses. For lawn use seed 1 lb. to 300 square feet or mix with grass seed at the rate of 1 lb. to 5 lbs. of grass seed. Postpaid, 1 lb., 50c. F. O. B. Bismarck, 5 lbs., \$2.00; 10 lbs. or more @ 38c.

**MEDIUM RED CLOVER.** While we have hesitated about advocating the Medium Red Clover for North Dakota, yet there are unquestionably a great many localities in this state and eastern

Montana where it can be raised with profit. Does best in well watered land with a fairly deep soil and good drainage. Lb., 60c, postpaid. F. O. B. here, 10 lbs., \$5.00; larger lots @ 45c.

**ALSIKE or SWEDISH CLOVER.** This clover is hardy and cold resistant, and is a very valuable pasture plant. It is low growing, and if sown for hay should be mixed with other clover, timothy or red top. Its chief value in the Northwest is for sowing in very wet spots where water stands at times and other clovers will not grow. 1 lb., 50c, postpaid. F. O. B. Bismarck, 10 lbs., \$4.00; larger lots @ 38c.



# WILL'S PIONEER BRAND GRASS SEED

## DIRECTIONS FOR MAKING LAWNS

The seed bed should be spaded or plowed to a depth of 6 or 7 in. All lumps should be broken up, the surface smoothed with rake or plank and well firmed. Sow evenly on a quiet day, rake in well and roll if possible. Use seed at the rate of 1 lb. per 200 square ft. If possible water thoroughly at once. Good loam soil is best, for the finest lawn black dirt may be spread several inches thick but a good turf of the hardier varieties does not require it.

Our Emerald Mixture should be used for the best lawns where water is available.

Red Top and Chewings Fescue are adapted to shady spots.

For a little harder conditions but where some watering is possible, use our Dakota Mixture.

For a good looking dry land lawn, farm yard or large public grounds use Buffalo Grass Stolons or Fairway Crested Wheat Grass.

Do not permit the watered lawn to dry out at all until the grass is well up.

Fertilize from year to year as indicated by the condition of the lawn.

We shall be glad to give advice and make up special mixtures for airports, parks, public school grounds, football fields, etc.



## WILL'S DAKOTA LAWN MIXTURE

This is a utility mixture for those who do not wish to give the necessary care and attention for the fine lawn and yet want a nice appearing grass plot around the house, also useful for street boulevards and large public building grounds. Made up of coarser and hardier grasses, it still requires some water. Clover may be used with it to advantage. Postpaid, 1 lb., 30c. F. O. B. here, 5 lbs., \$1.05; 10 lbs., \$1.90; larger lots @ 18c.

## CHEWINGS FESCUE

A New Zealand selection of a native American grass. As observed by us at Saskatoon recently this makes the very closest, finest velvety turf we have ever seen. Absolutely cold resistant but needs lots of water and care. Lb., postpaid, 55c. F. O. B. Bismarck, 5 lbs., \$2.25; 10 lbs., \$4.00; 50 lbs or more @ 38c.

## BUFFALO GRASS PLANTS

This native grass, which seldom produces viable seed, is undoubtedly the most perfect lawn grass for dry conditions in existence. It spreads by means of runners, throws up no tall stalks, but produces a dense mat on the ground—the bent grass of the plains. We list this grass by the 100 plants or stolons. The plants are set out from 6 to 15 inches apart each way. In one season the whole area should fill in. Its only fault is that it turns brown early in the fall. Needs practically no mowing. Per 100 stolons postpaid, 75c (enough for 110 sq. ft.); 500, \$3.50; 1,000, \$6.00, F. O. B. here.



A Fairway Plant

## FAIRWAY CRESTED WHEAT GRASS

This strain developed at the Saskatchewan Experiment Station answers very well for large lawn areas, public grounds, parks, football fields, etc. It is a fine grass, stands cutting well, keeps green late. Is a trifle bunchy.

Also a very good hay and forage plant. Heavier yielding and leafier than the Standard Strain, yet in a dry year it may not yield quite as much. Lb., postpaid, 60c. F. O. B. here, 5 lbs., \$2.75; 10 lbs., \$5.25; 25 lbs., \$12.75; 100 lbs., \$50.00.

## EMERALD LAWN

### An Emerald Lawn

Registered U. S. Patent Office.

We include no white clover but can supply it to those desiring it at prices shown on page 54.

The Emerald Mixture has been planted in North Dakota and the Northwest for 40 years, and beautiful lawns throughout the Northwest testify to its excellence.

This mixture contains no coarse seeds and is composed of the best varieties of the very best quality obtainable. Kentucky blue grass is the foundation of the mixture.

EMERALD is the finest and best mixture for the lawn that can receive proper care; accept no substitute for it. Postpaid, 1 lb., 35c. F. O. B. here, 5 lbs., \$1.10; 10 lbs., \$2.00; 50 lbs. or more @ 19c.

## KENTUCKY BLUE GRASS

The foundation of hardy lawn grass. We handle nothing but the fancy, clean seed. 1 lb., 30c, postpaid. F. O. B. here, 5 lbs., \$1.10; 10 lbs., \$2.00; larger lots @ 18c.

## RED TOP OR HERD'S GRASS

Useful in the Northwest principally for seeding low moist spots, slough beds, basins, and any place where the water may stand at times. Lb., 30c, postpaid. F. O. B. here, 10 lbs., \$2.10; larger lots @ 20c.

## CREEPING BENT GRASS SEED

This is very popular for lawn grass purposes and makes a wonderful lawn after it is once established. Must be planted and tended very carefully until it has made a small growth. Requires lots of water. Lb., postpaid, \$1.25. F. O. B. here @ \$1.00 per lb.



## Field and Pasture Grasses

**CRESTED WHEAT GRASS.** The hardiest and most drouth resistant grass yet discovered. Introduced by the Department of Agriculture and especially well tested and recommended after years of work by the Dickinson sub-experiment station under the direction of Mr. Moomaw. Also carefully tested and very favorably reported upon by the U. S. Northern Great Plains Field Station at Mandan. Mentioned as an outstanding variety for the great plains in articles in the Country Gentleman, etc., last winter. **Lb., 60c, postpaid. F. O. B. Bismarck, 5 lbs., \$2.50; 10 lbs., \$4.75; larger lots @ 45c per lb.**

**BROME GRASS—BROMUS INERMIS** (Austrian or Russian). Brome Grass is an exceedingly valuable pasture grass, especially for early Spring and late Fall. **1 lb., 35c, postpaid. F. O. B. here, 10 lbs., \$2.50; larger lots @ 23c.**

**GREAT PLAINS PASTURE MIXTURE.** This is an item for which there seems to be an increasing demand. The mixture which we list is one recommended by Dr. Hansen at the N. D. Experiment Station. It consists of 6 lbs. brome grass, 4 lbs. crested wheat grass, 5 lbs. slender wheat grass, 3 lbs. yellow blossom sweet clover. **18 lbs. or enough for 1 acre, \$4.25.**

**WESTERN RYE OR SLENDER WHEAT GRASS.** Hardy, drouth resistant, of good quality, a native variety. It stands cutting better than the brome

grass and the hay is better on account of its finer foliage. **Postpaid, 1 lb., 35c; 5 lbs., \$1.65. F. O. B. here, 10 lbs., \$2.50; larger lots @ 23c.**

**WESTERN WHEAT GRASS (agropyron smithii).** The most famous grass of the Great Plains region. Listed by us last year and we can still offer seed from a crop of good germination which comes only occasionally. Valuable mainly for permanent seeding down for pasture and hay both. **Lb., postpaid, 35c. F. O. B. Bismarck, 5 lbs., \$1.25; 10 lbs., \$2.25; 50 lbs., \$11.00; 100 lbs., \$20.00.**

**PIONEER BRAND TIMOTHY SEED.** We offer only North Dakota grown Timothy seed which is from acclimated fields. **1 lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.50; 50 lbs., \$4.50; 100 lbs., \$8.00.**

**MEADOW FESCUE or ENGLISH BLUE GRASS.** This grass is one of the hardiest grasses for the Northwest. It also withstands severe cold very well. **Postpaid, 1 lb., 30c. F. O. B. here, 10 lbs., \$2.00; 25 lbs. or more @ 18c.**

**REED CANARY GRASS OR PHALARIS.** This is a native of the low flooded sections of our Missouri River bottom lands and the sloughs of Minnesota. Will not stand heavy alkali. The best grass for wet spots that we have. **Lb., postpaid, 50c. F. O. B. here, 5 lbs., \$2.00; 10 lbs., \$3.90; 100 lbs., \$38.00.**

## Pioneer Brand Alfalfa Seed

*We can furnish a free booklet on alfalfa growing on request*

Clover and Alfalfa Seed Prices Subject to Change Without Notice—Value Sent If Prices Are Higher—Sacks Included in Prices

### LADAK ALFALFA—THE LATEST ALFALFA SENSATION

**LADAK** is a variety originated in the very high, mountainous sections of India. It has proved, under Northwestern and Great Plains conditions, to be the hardiest, most drouth resistant and heaviest yielding variety so far known. In addition it has considerable wilt resistance. The supply is very limited.

We refer you to articles in the Country Gentlemen and other agricultural publications for further information. A very short crop due to the drouth. **Price, 1 lb., postpaid, 75c. F. O. B. here, 5 lbs., \$3.25; 10 lbs., \$6.30; 25 lbs. or more @ 60c.**

**U. S. VERIFIED NORTHWESTERN GROWN VARIEGATED ALFALFA.** The fact has become pretty well established that only the strains of alfalfa with variegated flowers are hardy in the Northwest. Such strains are Grimm, Cossack, Ladak, etc. The seed which

we offer under this head is seed from fields with variegated bloom. The mere fact of hardiness and variegated blossom prove that it belongs to one of the hardy strains. **Lb., 55c, postpaid. F. O. B. Bismarck, 10 lbs., \$4.25; 50 lbs., \$21.00; 100 lbs., \$40.00.**

**NORTHWESTERN, SECOND GRADE.** This is seed of less handsome appearance and not as high purity and germination as the best, but very satisfactory if seeded a little heavier. Supply limited. **F. O. B. here, 100 lbs., \$25.00.**

### REGISTERED AND CERTIFIED GRIMM.

Officially sealed and tagged.

This is officially registered and certified seed from fields of Grimm which have been officially inspected and the seed officially graded, and whose pedigree is on file with a history of the

field in the office of state authorities. Grimm still remains the favorite for hardiness and yield. If you wish to sell your seed at a premium, plant this seed. **Blue tag, lb., 65c, postpaid. F. O. B. here, 10 lbs., \$5.50; 50 lbs., \$26.00; 100 lbs., \$50.00.**

## Sweet Clover—for Pasture—Hay—Bees

*Free Sweet Clover Booklet furnished on request*

**ALPHA SWEET CLOVER—With the Good Qualities of Alfalfa.** Another product of the Saskatchewan Experiment Station. Seems to combine the characteristics of both alfalfa and sweet clover, has many fine stems, is very leafy, more palatable than sweet clover. Probably an alfalfa-sweet clover cross. **Postpaid, lb., 35c. F. O. B. Bismarck, 5 lbs., \$1.25; 10 lbs., \$2.25; 100 lbs., \$20.00.**

**YELLOW BLOSSOM SWEET CLOVER SEED.** Outside the lower and heavier soil sections of the Northwest the Yellow Blossom variety seems to be better adapted than the white. Its advantages over the higher and drier sections are greater hardiness as regards a combination of cold and drought, finer quality of hay, a crown like alfalfa so that it may be cut as close to the ground as

one wishes. We have a wonderfully fine stock of seed. **Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.50; 100 lbs., \$12.50**

**WHITE BLOSSOM BIENNIAL.** The Tall, Late Sort that is in greatest demand if you wish to sell seed. This is the only kind used in Iowa and Illinois where 90 per cent of the seed from the Northwest is sold. Must be cut high for hay as it grows from the bases of the branches. **1 lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.40; 100 lbs., \$12.00.**

**MIXED SWEET CLOVER SEED.** For sowing on land where a catch is desired without breaking and cultivating, for scattering on old pastures and waste lands this mixed seed may be used to advantage and with considerable saving. **Prices, F. O. B. Bismarck, 10 lbs., \$1.25; 100 lbs., \$11.50.**



# GREENHOUSE DEPARTMENT

**Special Shipping Notice:** *EXPRESS. We recommend this service as faster, surer and safer than parcel post. Please examine all shipments on delivery, and if damaged or delayed, have the express agent make the proper notation on the receipt you will receive. We will be glad to enter claim for you, but must have the above receipt.*

**PARCEL POST.** *We list a postpaid price on all mailable articles and must ask that remittance be made at this rate if postal service is desired. All other prices are F. O. B. Bismarck, N. D. We cannot guarantee safe delivery of plants and flowers sent by parcel post and will not entertain claims for late or damaged delivery when sent this way.*

We offer lovely reasonably priced Cut Flowers at all times. Bouquets, flower baskets and floral designs for any occasion. Prompt service always.

**WE TELEGRAPH FLOWERS.** We are members of the Florist Telegraph Delivery Association, more than 5,000 members all over the world. Guaranteed service to any place any time. Flower orders for Christmas, Easter, Mother's Day and any other occasion will be forwarded by mail if received by us a week ahead of the date they are wanted.

The N. D. 2% Sales Tax applies on all greenhouse merchandise except vegetable plants.



## FERNS

We list the finest and most desirable varieties of these attractive ornamental plants. Easy to grow and care for. Postpaid prices. 3 in., 35c; 4 in., 65c. Mailed in paper pots. We do not mail the larger sizes. F. O. B. here, 3 in., 25c; 4 in., 50c; 5 in., \$1.00; 6 in., \$1.50; 7 in., \$2.00. Shipped in clay pots.

**BOSTON (Sword Fern).** Very popular and satisfactory. Furnished in all sizes.

**WHITMANI** A handsome crested fern, with finer leaves than the Boston. All sizes.

**ASPARAGUS PLUMOSUS (Lace Fern).** Lacy foliage and drooping fronds. Fine for jardinières. 3 and 4 inch sizes.

**ASPARAGUS SPRENGERI (Feather Fern).** Useful for window boxes, etc., both indoors and out. 3 and 4-inch sizes.

**BABY'S TEARS (Paddy's Wig).** Popular moss-like plant, very small leaves. 4-inch only.

## BEDDING PLANTS In Paper Pots

Strong healthy plants from 3-inch pots. Much stronger than the usual 2½ inch plants and not to be compared with transplants. F. O. B. Bismarck, 15c each; 2 for 25c; \$1.40 per doz. Postpaid price, 20c each; \$2.00 per dozen.

**AGERATUM.** Lovely light blue for borders and edgings. Dwarf.

**COLEUS.** Yellow, red and variegated. Also Trailing Queen.

**GERMAN IVY.** Bright green vine. Fine for window and porch boxes.

**LOBELIA.** *Compacta.* Deepest blue, dark foliage. 4 inches high. *Speciosa.* Trailing. For window boxes, etc. *Tenuior.* Large dark blue. 16 inches high.

**PETUNIA.** Single type. The leader for bedding. *Diener's Blue.* Deep silky blue semi-dwarf. *Improved Celestial Rose.* Rich satiny deep rose. *Giant Pink Glory.* Flame rose pink. *Ruffled Monster.* Red with dark center and assorted colors.

**SNAPDRAGON.** Large flowered, medium height. Bronze, yellow, pink and red. The finest garden cut flower.

**SWEET ALYSSUM.** Low everblooming border plant.

**VERBENA.** White, pink, deep cerise red and purple.



Whitmani Fern

The following Plants and Vines from 3-inch pots. F. O. B. Bismarck, 20c each; \$2.00 per doz. Postpaid price, 25c each; \$2.50 per doz.

**DAISY.** *Marguerite.* Single white with yellow eye.

**PETUNIAS.** *Prize Double.* Fine plants in mixed colors. Including "World's Beauty" Fringed Rose Pink.

**GERANIUMS.** Strong plants of the varieties listed below.

**ENGLISH IVY.** Dark green, for use indoors and outside. Much used for Ivy Balls.

**VINCA VINES.** The best for window boxes. Major—Dark green. *Variegata*—Light green and white foliage.

Exceptionally strong thrifty plants from 4-inch pots. F. O. B. here, 30c each; 3 for 85c; per doz., \$3.00. Postpaid, each, 38c; 3 for \$1.00; 12 for \$3.75.

**BEGONIA.** *Gracilis* everblooming type. Excellent house plants, also for garden planting in season. Furnished at any time.

*Luminosa.* Deep scarlet, reddish foliage.

*Prima Donna.* Lovely rose-pink, green leaves.

**CANNAS.** Strong plants of all varieties listed under "Bulbs," below.

**GERANIUMS.** Strong heavy plants. See cut.

*Irvington Beauty.* New rosy salmon pink. *Improved Poitevine.* Beautiful shrimp pink.

*La Favorite.* Finest double white. *Red Barney.* Brilliant red. Free bloomer.

**WILL'S GIANT BLOOM PANSIES.** Sturdy free blooming transplants. } 40c per doz.; 50 for \$1.50; 100 for \$2.75. Postpaid, 55c per doz.; \$3.50 per 100.

**SINGLE PETUNIAS.** Transplanted, mixed colors.

### TRANSPLANTED BEDDING PLANTS

35c per doz., 50 for \$1.15; \$2.00 per 100. Postpaid delivery price, 45c per doz.; \$2.75 per 100.

**ASTERS.** Wilt-resistant strains. Pink, lavender, purple and red.

**SNAPDRAGON.** All shades.

**AGERATUM.** Light blue for borders.

### WATER PLANTS

FOR POOL OR TUB CULTURE

Best Varieties

Free Cultural Directions. Shipments After May First Only. All prices delivered.

**HARDY WATER LILIES.** *Comanche* (bronze), *Conqueror* (Red, with White shades), *Marliac White* and *Marliac Yellow.* 75c each; 4 for \$2.65.

**WATER HYACINTHS.** Floating Plants, Lilac Bloom. 2 for 25c; 6 for 60c.

**WATER LETTUCE.** Shell Flower Plants. 2 for 25c; 6 for 60c.



Geranium

OUR BULBS  
MUST MAKE  
GOOD OR  
WE WILL.

## Canna Bulbs

Complete cultural directions with each order.

These stand at the head of all bedding plants where a massed effect is desired. Growing in popularity. Strong dormant roots. Each, 15c; 2 for 25c; \$1.25 per dozen, delivered.

**KING HUMBERT.** 4 to 5 feet. The most popular Canna. Orange-scarlet flowers. Bronze foliage.

**THE PRESIDENT.** 3 to 4 feet. Immense glowing scarlet with green foliage. Best of its type.

**YELLOW KING HUMBERT.** 4 to 5 feet. Large orchid-like yellow blooms. Vermilion spots. Green leaves.

**CANNA PLANTS.** See under "Bedding Plants" above.

**CITY OF PORTLAND.** 3 to 4 feet tall. A most valuable variety of bright pink. Green foliage.

WILL'S AUTUMN LIST—BULBS, PERENNIALS, etc., ready August 1st. Write for your copy.





Transplanted Cabbage Plants.

## Will's Vegetable Plants

These vigorous, stocky plants are well rooted and will make rapid growth in your garden with very small loss. We use only the top grade of Will's seed of the newer early varieties selected for the short growing seasons of the Northwest, but can not furnish special sorts. Our prices on plants are very low for quality plants.

Potted Tomato, Pepper and Ground Cherry Plants are especially recommended for the following reasons. Grown in three-inch pots they develop a large and compact root-system and start bearing early.

There is no sales tax on Vegetable Plants.

(Please note Parcel Post and Express instruction on page 55. When at all convenient, shipment of plants by express is recommended as the quickest and safest way.)

	POSTPAID			F.O.B. BISMARCK BY EXPRESS			
	12	50	100	12	50	100	1000
CABBAGE. Early Transplanted.....	\$0.35	\$1.15	\$2.00	\$0.25	\$0.85	\$1.50	\$12.50
CABBAGE. Late Transplanted.....	.35	1.15	2.00	.25	.85	1.50	12.50
CAULIFLOWER. Transplanted .....	.40	1.25	2.25	.30	1.00	1.75	15.00
CELERY. Trans. Self-Blanching.....	.40	1.25	2.25	.30	1.00	1.75	15.00
EGG PLANT. Trans. Early.....	.50	1.60	2.85	.40	1.35	2.50	....
PEPPERS. Sweet Transplanted.....	.45	1.40	2.40	.35	1.15	2.00	....
PEPPERS. Sweet Potted.....	1.00	3.25	...	.75	2.75	4.75	....
GROUND CHERRY. Transplanted.....	.45	1.40	2.40	.35	1.15	2.00	....
GROUND CHERRY. Potted.....	1.00	3.25	...	.75	2.75	4.75	....
TOMATOES. Transplanted .....	.45	1.40	2.40	.35	1.15	2.00	17.00
TOMATOES. Potted .....	1.00	3.25	...	.75	2.75	4.75	....
TOMATOES. Yellow Plum Trans.....	.45	1.40	2.40	.35	1.15	2.00	....
SWEET POTATO PLANTS.....	.35	1.15	2.00	.25	.85	1.50	12.50



Potted Tomato Plants.

OUR BULBS MUST MAKE  
GOOD OR WE WILL.

## WILL'S PIONEER DAHLIAS

Complete cultural directions with each order. All bulbs priced delivered.

Dahlias are the most magnificent and colorful of all summer flowers, both for garden decoration and as lasting cut flowers. Our list for 1937 is very attractive, combining some newer introductions of merit with older favorites. Strong clean

tubers of proper size for planting at very reasonable prices. Each bulb stamped with variety number to prevent mixing. Packed separately in sawdust and wrapped in parchment paper to reach you in the best possible condition.

## GARDEN CHARM COLLECTION



Jane Cowl.

**JANE COWL.** (Decorative.) Large flowers of old gold and buff blending to Salmon. (See cut of this beauty.) Each, 32c; 3 for 85c.

**JERSEY BEAUTY.** (Dec.) Large perfect blooms of clear pink. Each, 32c; 3 for 85c.

**MINA BURGIE.** (Dec.) Mammoth blooms of brilliant Poinsettia red. Each, 21c; 3 for 54c.

**MRS. I. de ver WARNER.** (Dec.) Lovely orchid-lavender. The best in its color. Each, 27c; 3 for 72c.

**PURITY.** (Dec.) A very fine large White. Each, 18c; 3 for 47c.

**YELLOW COLOSSE.** (Dec.) Deep golden yellow blooms. Free flowering, good stems and much used as cut flowers. Each, 18c; 3 for 47c.

**COLLECTION PRICE.** One tuber of each of the above six choice Dahlias, retail price \$1.48, in this collection for \$1.00; 3 collections for \$2.75.



Popular Four.

## WILL'S POPULAR FOUR ASSORTMENT

This first class bargain consists of one each of the Decorative, Ball, Cactus and Art (Peony) types of Dahlias, different colors for each type, thus making a complete range of colors in each set. The four tubers are stamped A, B, C and D and packed in one wrapper with a label indicating varieties, types and colors included. Order as many collections as you choose and we will try to give you a different variety for each root that you receive. Fine high grade varieties and an unusual value at 49c for each assortment delivered.

## CAPITAL DAHLIA MIXTURE

The finest mixture of Dahlias that we know and one which grows more popular each year. You will not be disappointed with this assortment of all colors and types. Strong planting size tubers, wrapped in waxed paper and guaranteed to grow. 6 for 50c; 12 for 90c, delivered.



# GLADIOLUS

**\$1.00** WILL'S **\$1.00**  
1938

## ARISTOCRAT GLADIOLUS OFFER

(Picture on inside back cover)

A leader in flower values. The finest collection of "top notch" glads ever offered in a group at this low figure. A glorious assortment of color, including Picardy, Wasaga, Mildred Louise, Maid of Orleans and sixteen others, all prize winners, to help make your 1938 garden lovely. One large bulb of each of the twenty leading varieties marked with a (\*) on this page. All young clean vigorous bulbs to replace or add to your present stock. Separately bagged and labeled. These twenty bulbs, a \$1.86 value, in this collection for \$1.00 Postpaid. Three offers, \$2.75.



These modern "Glads" are prize-winners in every garden. The most satisfactory of all bulb flowers. Will's 1938 offerings include many from the latest National Lists of favorites in a wide range of colors and types.

Now is the time to get acquainted with these beauties in your own garden. Young high crowned vigorous bulbs free from harmful disease and insect pests. Large size bulbs at lowest prices.

Not less than 6 at dozen prices. 36 at 100 rate. Complete American Gladiolus Society cultural directions with every order.

OUR BULBS  
MUST MAKE  
GOOD OR  
WE WILL.

ALL BULBS  
PRICED  
DELIVERED

### PINK

\***PICARDY.** (The Leader.) Easily the most popular Glad today and generally considered the last word in the pink shades. Soft shrimp pink without shading. Immense spikes of huge perfect flowers, many open. No garden complete without Picardy. Note our low price. 3 for 17c; 12, 51c; 100, \$3.50.

\***DEBONAIR.** La France pink shading to shrimp pink, creamy throat peppered crimson. 6 to 8 large blooms open. 5 to 6 ft. tall with long flower head. A coming variety. 17c each; 3 for 45c; \$1.35 per 12.

\***SALSBACH'S ORCHID.** Lovely lavender-pink. Many florets open. Very well liked. 12c each; 3 for 33c; \$1.10 per dozen.

\***BETTY NUTHALL.** Warm coral pink, yellow throat markings. 6 to 8 blooms open, enormous spikes. 3 for 17c; 12, 51c; \$3.50 per 100.

\***MILDRED LOUISE.** A delightful warm salmon pink. Spike and flowers extremely large, with delphinium blue anthers. 12c each; 3 for 33c; \$1.10 per 12.

\***RAPTURE.** Medium light salmon with diffused yellow blotch. Very tall, strong grower, many open. 12c each; 33c for 3; \$1.10 per dozen.

### YELLOW, BUFF AND ORANGE

\***ORANGE PRINCESS.** Purest salmon orange, lighter throat, small crimson feather. Ruffled wide open flowers, perfectly arranged. A gem among glads. 20c each; 3 for 50c; 12, \$1.50.

\***DUNA.** Soft pinky buff of unusual shade. Many open. A very attractive variety. 12c each; 3 for 33c; \$1.10 per dozen.

\***PRIMROSE PRINCESS.** Stately wide-open Primrose yellow, tall with long flower head. 3 for 17c; 12, 51c; \$3.50 per 100.

\***WASAGA.** Glowing buff with wide open ruffled blooms. Perfectly clear color. Said by many experts to be the most beautiful gladiolus. Each, 12c; 3 for 33c; \$1.10 a dozen.

\***GOLDEN DREAM.** Clear rich yellow. Tall and fine. Very popular. 3 for 17c; 12, 51c; \$3.50 per 100.

### LAVENDER AND SMOKY

\***BAGDAD.** Smoky old rose shading to dark edges. Lighter throat. Smooth clear color. 6 to 8 blooms open, very large. 3 for 24c; 12 for 72c; \$5.00 per 100.

\***MARMORA.** A gigantic smoky lavender with rose throat. An exotic beauty with many blooms on tall spikes. 3 for 24c; 12, 72c; \$5.00 per 100.

\***MINUET.** Lovely light pinkish lavender. Many large blooms. Next to Picardy in popularity. 3 for 24c; 12, 72c; 100, \$5.00.

\***DR. MOODY.** Light lavender with darker penciling. Long spike with many open. A midseason beauty. 3, 24c; 12 for 72c; \$5.00 per 100.

### RED

\***AMADOR.** A glowing new red that really glows and glistens in the sunlight. Fine form and placement of the many large blooms. Does not burn in the sun. 17c each; 3 for 45c; \$1.35 per 12.

\***RED LORY.** Tall graceful spikes, carrying many buds and flowers of a delightful rose red. 12c each; 3 for 33c; 12, \$1.10.

\***AFLEAME.** Giant flame red. A striking Prim-Grandiflorus which "stands out in the crowd" always. 3 for 24c; 12 for 72c; \$5.00 per 100.

\***OUR SELECTION.** An exhibition glad of great size. Salmon red, flaked deeper with purplish blotches. 3 for 17c; 12, 51c; \$3.50 per 100.

\***WURTEMBERGIA.** A dazzling scarlet with cream throat, immense blooms. Tall spikes. Recommended. 14c each; 3 for 35c; 12, \$1.10.

\***DR. F. E. BENNETT.** Immense brilliant scarlet. Many blooms, strong spike. 3 for 24c; 12, 72c; 100 for \$5.00.

### WHITE

\***MAID OF ORLEANS.** Milky white with creamy white throat. Large flowers, good spike and placement. 12c each; 3 for 33c; \$1.10 per dozen.

### BLUE AND PURPLE

\***CHARLES DICKENS.** Aster purple. Long spike carrying many buds and large blooms. 3 for 24c; 12, 72c; \$5.00 per 100.

\***VEILCHENBLAU.** One of the finest and most popular of the standard blues. Many blooms. 3 for 24c; 12, 72c; 100 for \$5.00.

\***AVE MARIE.** Large light blue with purple blotch. Fine substance, spike and placement good. 3 for 24c; 12, 72c; \$5.00 for 100.

### "PIONEER" GLADIOLUS MIXTURE

Truly an exhibition collection of rainbow colors. Made up from fine named sorts that are sure to please. Large clean young bulbs. A real value for either cut flowers or garden decoration. 12 for 30c; 45 for \$1.00; 100 for \$2.00.

### "BETTER TIMES" COLLECTION OF FINE BLOOMING SIZE GLADS

These are medium size bulbs in a pleasing assortment of colors and types; coming into bloom later than the Pioneer Mixture and thus extending the season from two to four weeks. 65 for \$1.00; 100 for \$1.45; 1,000 for \$12.50.

### MADEIRA VINE BULBS

Large dry bulbs of this popular fast growing climber. Light green foliage. 12c each; 3 for 30c; \$1.00 per dozen.



# Pioneer Nursery of the Northwest

## BISMARCK NURSERY (ESTABLISHED 1882)

Oldest Nursery in North Dakota—Member American Association of Nurserymen

**NOTICE TO CUSTOMERS: READ CAREFULLY.** We use our utmost endeavors to see that all stock shipped out is true to name and of the quality represented or better. In event that goods upon receipt prove to be wrongly marked or inferior we shall be glad to refund customer's money or replace the stock as he may elect. We are not responsible for damage to goods in transit, therefore you must examine at the express or freight office, and have any damage noted upon your express or freight receipt. We are always glad to replace goods injured in transit, providing receipt showing damage is returned to us so that we may enter claim and reimburse ourselves.

We do not guarantee safe delivery of mail orders but pack them just as well as we possibly can, and they are nearly always delivered in good condition.

**Special Nursery Premium.** With every twenty-dollar order for nursery stock we offer free one year's membership in the North Dakota Horticultural Society. This includes receipt of the monthly bulletin, and free plant premiums.

**REPLACEMENT.** If stock arrives in good condition and our planting instructions are followed, we are willing to replace once any stock lost, at half price.

**CURRENTS AND GOOSEBERRIES** are subject to certain restrictions in countries where 5-leaved pines grow, and we do not ship into such territory.

**TREES BY MAIL.** We can ship parcels up to 70 pounds. Where postage is not included, we will send stock C. O. D. to cover postage, you paying postage on receipt of trees.

**FALL PLANTING.** Peonies and other perennial flowers do exceptionally well when planted in Fall. Ask for special **Fall Price List.** Can also supply trees, shrubs, etc., at current catalog prices in Fall.

**PLANTING INSTRUCTIONS.** Complete planting instructions will be enclosed with each order of nursery stock when shipped.

**SHIPPING.** Orders will be forwarded at our discretion and when we can ship. Orders are not taken for shipment on any special date unless specifically so acknowledged. Express is the safest and quickest way to ship. Prices are F. O. B. here, customers paying transportation unless postpaid prices are definitely quoted.

**CANADIAN ORDERS** must go by freight or express, and must be received by us before May 1st. Permit number must accompany order.

**VISITORS WELCOME.** We are always glad to conduct you personally through our nurseries. Call at office on Fourth street, or go south on Seventh street, which will bring you into the nurseries.

**CERTIFICATE OF EXAMINATION.** Our nurseries are inspected annually by the State Horticulturist and his certificate accompanies each shipment.

North Dakota Customers Must Pay 2% Sales Tax on Nursery Stock

## Trees for Yard and Farmstead

ANY PERMANENT HOME IN THIS REGION REQUIRES A WINDBREAK OR SHELTER BELT — NOW IS THE TIME TO PLANT IT.



15 Year Old  
Cottonwood Trees.

### SPECIAL WOODLOT and SHELTER BELT BARGAIN \$7<sup>00</sup>

Trees enough to plant one acre of ground.  
200 Chinese elm seedlings 200 Boxelder seedlings  
200 Cottonwood seedlings 200 Green Ash seedlings  
All 12 to 18 in. size.

Plant 6 ft. apart in the row, rows 8 ft. apart.

Total Value \$9.20. . . . . SPECIAL PRICE

\$7<sup>00</sup>

**NORTH DAKOTA COTTONWOOD** (*Populus deltoides*). The native cottonwood in spite of criticism and disparagement has definitely demonstrated in the past period of extremely severe conditions that it is outstandingly the best shelter belt, windbreak and fuel producing tree for the Northwest. We have been headquarters for cottonwoods for fifty years. Prices.

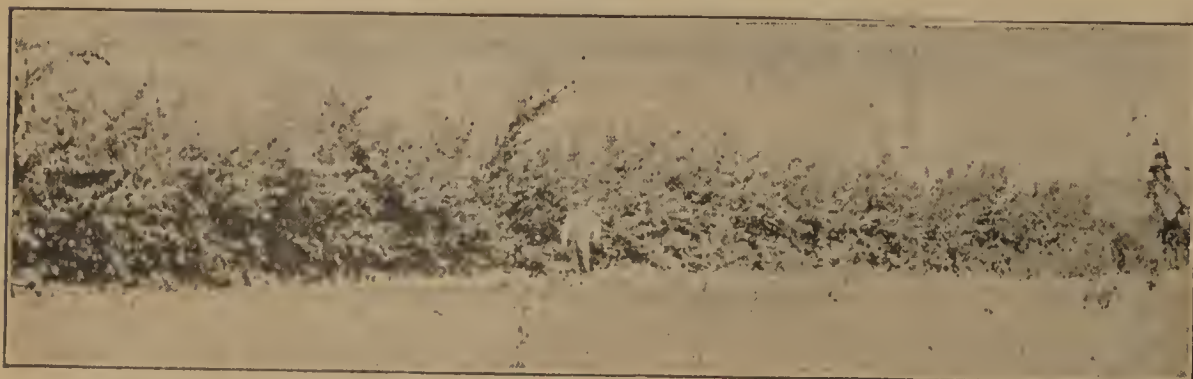
	6-10 in. seedlings	10-20 in. seedlings	20-30 in. seedlings
100.....	\$0.40	\$0.60	\$0.90
500.....	1.90	2.25	3.20
1000.....	3.25	4.00	6.00
	3 to 4 ft.	4 to 6 ft.	6 to 8 ft.
Each.....	\$0.10	\$0.16	\$0.25
10.....	.75	1.25	2.00



Box Elder.

**BOX ELDER OR MANITOBA MAPLE.** Our only native maple, very useful as a shade tree when properly trimmed. Suited to the heavier and darker soils of our state.

Seedlings: 12 to 18 in., 100, \$1.00; 500, \$4.00; 1000, \$7.00. Transplants: 3 to 4 ft., each 12c; 10, \$1.00; 100, \$8.00. 4 to 6 ft., each, 15c; 10, \$1.40; 100, \$13.00.



Chinese Elm Shelter Belt.

### CHINESE OR SIBERIAN ELM

**CHINESE or SIBERIAN ELM.** As a wood lot, shelter belt or grove tree and as a formal or natural hedge this tree has a very definite place in Northwestern planting. Drought resistant and rapid growing beyond almost any other sort. Price: seedlings, 12 to 18 in., 100, \$1.50; 500, \$7.00. Transplants—3 to 4 ft., each, 22c; 10, \$2.00; 4 to 6 ft., each, 45c; 10, \$1.00; 6 to 8 ft., each, 65c; 10, \$6.00.



**GREEN ASH.** Hardest of the prairie natives. Drought, alkali and insect resistant. Seedlings, 12 to 18 in., 100, 75c; 500, \$3.25; 1000, \$6.00. 18 to 24 in., 100, \$1.00; 500, \$4.50; 1000, \$8.00. 3 to 4 ft.; each, 20c; 10, \$1.75; 100, \$15.00. 4 to 6 ft.; each, 25c; 10, \$2.00; 100, \$18.00. 6 to 8 ft.; each, 40c; 10, \$3.50.

## Bargains in Small Evergreens

**COLORADO SPRUCE SEEDLINGS.** These are North Dakota grown. Sold only in bunches of 100. Price per 100, \$3.75; postpaid, \$4.00.

**BLACK HILLS SPRUCE.** (4 to 6 inch transplants.) The most successfully grown of all evergreens in the Northwest. Price: 50, \$3.25; 100, \$6.00. Postpaid, 50, \$3.40; 100, \$6.25.

# HARDY EVERGREENS

for the NORTHWEST

The Most Drought Resistant of All Trees

**BLACK HILLS SPRUCE.** The trees in the picture have grown without watering since 1916 on the high ground at the U. S. Great Plains Field Station at Mandan, N. D. They have given better results than any other evergreen in very many plantings over the Northwest. Price: 12 to 18 in. tall, \$1.00 each; 18 to 24 in., \$1.50; 5 for \$7.00. 2 to 3 ft., each, \$3.00.

**COLORADO BLUE SPRUCE (*Picea pungens*)—SELECTED.** Our most handsome ornamental evergreen—and perfectly hardy in the Northwest. Price: 12 to 18 in. tall, each, \$1.50; 18 to 24 in., each, \$3.50, 3 to 4 ft., \$10.00.

**N. D. BULL PINE (*Pinus scopulorum*).** The most drought and wind resistant pine we have, our stock is from the Little Missouri Bad Lands. A handsome shade tree. Price: 12 to 18 in., each, 75c; 18 to 24 in., each, \$1.40.

**SCOTCH PINE (*Pinus sylvestris*).** Ours are grown from hardy Finnish seed. A fast growing and very handsome pine, very cold resistant. Price: 18 to 24 in., each, \$1.25.

**N. D. BAD LANDS CEDAR (*Juniperus scopulorum*).** Our native type of the beautiful Rocky Mt. Juniper, with a large proportion of silver specimens. The hardest evergreen under most severe conditions and very ornamental too. Price: 12 to 18 in., each, \$1.00; 18 to 24 in., each, \$2.00; 2 to 3 ft., \$3.00.

**BAD LANDS TRAILING JUNIPER (*Juniperus horizontalis*).** Its habit can be judged from the picture of a young plant just set out last spring. Color, a lovely bluish silver in summer, bronze in winter. A beautiful ground cover. Very hardy. Plants from rooted

cuttings. Price, 6 to 12-in. spread, each, 75c; 5 for \$3.50.

**NATIVE JUNIPER BUSH (*Juniperus communis* or *sibirica*).** A real evergreen shrub native to North Dakota. May be trimmed and used in foundation and entrance plantings to good effect. Price: 12 to 18-in. spread, each, \$2.00.

**PFITZER'S JUNIPER.** A low growing plant with foliage like *scopulorum* cedar, very popular for foundation planting. Price: 12 to 18-in. spread, \$3.00.



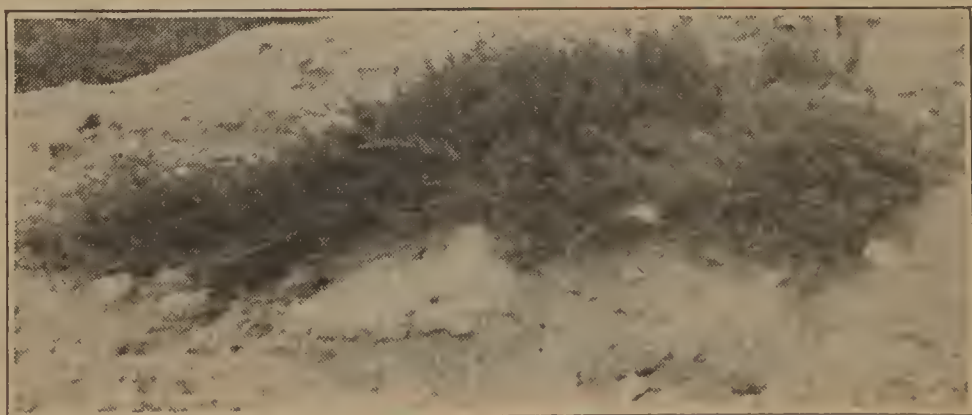
Green Ash.



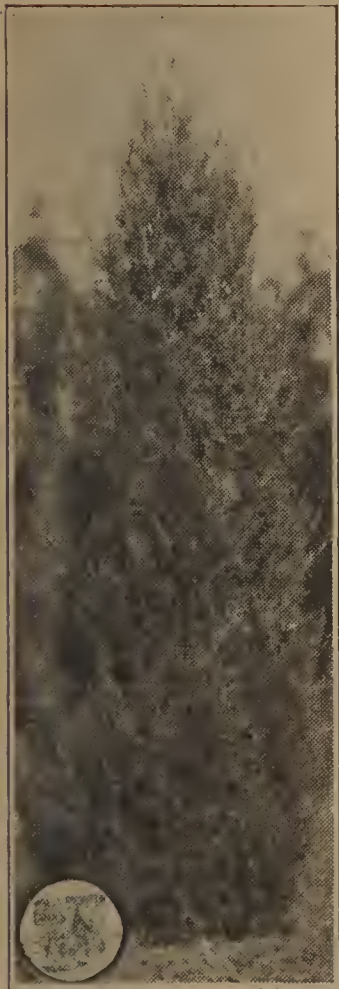
Black Hills Spruce—20 Years Old



Colorado Blue Spruce.



Trailing Juniper.



Bad Lands Cedar





American Elm

**AMERICAN ELM** (*Ulmus Americana*). The nation's outstanding shade tree (known also as white elm). Our stock is native to North Dakota, thrifty, healthy and generally excellent. Price: Seedlings, 1 yr., 90c per 100; 2 yr., \$1.50 per 100; 3 to 4 ft., each, 25c; 10, \$2.25; 4 to 6 ft., each, 35c; 10, \$3.00; 6 to 8 ft., each, 60c; 10, \$5.50.

**LAKE CITY ELM.** A hardy selection from the American elm, of fine shape, and especially adapted to street planting where the trees must be uniform. All grafted from the selected parent tree and its descendants. Price, each, 4 to 6 ft., 50c; 5 for \$4.50.

**CUT LEAF BIRCH.** Perhaps our most beautiful lawn tree. Hard to establish but really hardy when once started. Needs plenty of water. Price, each, 5 to 6 ft., \$1.30.

**MOUNTAIN ASH** (*Sorbus Aucuparia*).

Beautiful in spring with its clusters of white blossoms and in fall with its heavy bunches of red berries. Hardy with a fair moisture supply. Price, 5 to 6 ft., each, \$1.00; 5 for \$4.50.

**HACKBERRY** (*Celtis occidentalis*). One of the hardiest and handsomest of our native trees. Free from insect pests, well-shaped, it makes an ideal street tree. Price, 3 to 4 ft., each, 40c; 5 for \$1.75; 2 yr. seedlings, each, 5c; 10, 40c.

**AMERICAN LINDEN or BASSWOOD.** A beautiful tree native in parts of North Dakota. Valued also for its high honey yield in early spring. Price, 5 to 6 ft., each, \$1.00.



Burr Oak

**HORSE CHESTNUT** (*Ohio Buckeye*). Hardy stock of this small early buckeye with its handsome foliage and perfect shape makes an ideal lawn tree. Price, 3 to 4 ft., each, \$1.00.

**BURR OAK** (*Quercus macrocarpa*). Native over most of the state and a lasting and handsome tree. Price: Seedlings only, each, 10c; 10 for 90c.

**BLACK WALNUT** (*Juglans niger*). One of the few nut trees that we can grow in North Dakota and then only from hardiest stock. Price, 3 to 4 ft., balled and burlapped, \$1.00.

**HOPA CRAB—RED FLOWERING.** One of the most beautiful of Dr. N. E. Hansen's productions. In spring the tree is a mass of dark red flowers, in fall covered with very dark red fruits. Reaches the height of a small tree. Price, 3 to 4 ft., each, 90c.

**MAPLE, GINNALA.** A variety of Tartarian maple; notable for the brilliance of its autumn foliage and the decorative effect of its bright red seed clusters in summer. Becomes a small tree. Price, each, 3 to 4 ft., 75c.

**POPLAR, SILVER-LEAVED.** Smooth light bark, leaves dark green on top, silvery white beneath. Hardy and a rapid grower. Price, 5 to 6 ft., each, 60c.

**POPLAR, BOLLEANA.** One of the most beautiful of poplars, tall and upright like a Lombardy in habit. Very hardy, silvery bark and silver lined, maple shaped leaves. Price, 5 to 6 ft., each, \$1.00.



Willow Windbreak

**POPLAR NORTHWEST.** A native of North Dakota and Manitoba, handsome in shape, rapid in growth. Supposed to be a natural cross between Balm of Gilead and cottonwood. Price, 4 to 5 ft., each, 50c; 5, \$2.30.

**WILLOW, DIAMOND.** Produces highest quality fence posts and fire wood very quickly. A hardy native, stands drier conditions than most willows. Price, seedlings, 100, 75c; 1000, \$4.50; cuttings per 1000, \$3.00.

**WILLOW, LAUREL LEAVED.** One of the hardy Russian Willows, fast growing, beautiful and the wood is of fair quality. Do not use except in fairly moist sections. Price, 2 to 3 ft., doz., 75c; 100, \$4.00.

**WILLOW, GOLDEN.** A hardy strain of this handsome windbreak and shelterbelt tree. Rapid grower, good quality wood. Price, 2 to 3 ft., doz., 75c; 100, \$4.00.



Hackberry



Willow Diamond



# Flowering and Ornamental Shrubs

Besides the shrubs listed we include a section of hedge plants which are equally valuable for shrubbery plantings, and we would refer you also to such of the native fruits as sand cherry, native gooseberry, chokecherry and wild plum which work well in ornamental plantings.

Prices given are F. O. B. here, customer pays transportation by express. Shrubs may be sent by mail for ten cents each added to prices. The lighter plants are used and are cut back before mailing.

## 1938 SHRUB COLLECTION FOUR OF THE HANDSOMEST

1 Tamarix                      1 Spirea Froebelli  
1 Golden Currant          1 Spirea Van Houtte

**\$1.25**

**AMUR TAMARIX SHRUB.** (A selection by Prof. Yeager.) One of the most beautiful, hardiest and least inclined to steal moisture from neighboring plants of any shrub grown. A lovely feathery foliage with a heavy annual growth and a mass of pink bloom after mid-summer. The most valuable shrub introduction for the Northwest in recent years. Price, each, 60c; 5 for \$2.75.

**TARTARIAN HONEYSUCKLE.** One of the hardiest and handsomest shrubs. Blooms in May. Price, Mixed, 18 to 24 in., each, 25c; 10, \$2.20; 50, \$10.00. Red or White, each, 30c; 10, \$2.75.

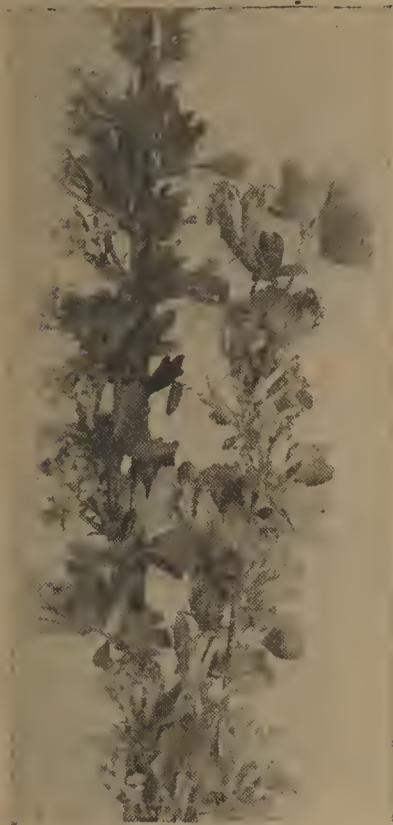
**JUNE BERRY—SUCCESS.** A named variety with finer fruit than the common, a bush type. Also known as Saskatoon. Price 18 to 24 in., each, 25c; 10, \$2.25.

**DWARF SIBERIAN FLOWERING ALMOND.** Hardy, bears lovely pink blossoms profusely in May—height 18 to 36 inches. One of our best dwarf shrubs for severe conditions. Fall colors brilliant. Price, 12 to 18 in., each, 40c; 10, \$3.75.

**GOLDEN or BUFFALO CURRANT.** This lovely native with its bright yellow, fragrant flowers blooms in May. A native of our N. D. Bad Lands, very hardy. Maximum height 4 to 6 ft., fine fall colors. Price, 2 to 3 ft., each, 35c; 10, \$3.00.



Tamarix.



Golden Currant.



Smooth Sumac.



Honey Suckle.

### SPIREA

**Van Houtte or Bridal Wreath.** This established favorite with its masses of white flowers in May needs no long description. Price, 18 to 24 in., each, 28c; 10, \$2.50.

**Froebelli.** The best of the dwarf, late blooming spirea. Dark rose flower clusters in July and early August. Maximum height below 2 ft. Price, 12 to 18 in., each, 25c; 10, \$2.25.

**Opulifolia (Ninebark or Hardhack).** One of the hardiest of the spirea family. Maximum height 4 to 5 ft. Clusters of white flowers in June followed by showy red seed pods. Price, 18 to 24 in., each, 30c; 10, \$2.75.

**Dwarf Ninebark.** A dwarf form of the same plant as above. Maximum ht. 2 to 3 ft. A fine hedge and border plant. Perfectly hardy. Price, 12 to 18 in., each, 30c; 10, \$2.75.

**Golden Ninebark.** Another ninebark, size the same as the common ninebark, but with variegated gold and green foliage. Price, 12 to 18 in., each, 40c; 10, \$3.75.

**Billardi Pink.** This is an August blooming species, 18 to 36 in. maximum height, flowers in long spikes of rosy pink. Price, 18 to 24 in., each, 25c; 10, \$2.25.

**Arguta.** The earliest spirea, blooms before Van Houtte in the same graceful fashion. Very hardy, size at most 4 to 5 ft. Price, 12 to 18 in., each, 30c; 10, \$2.75.

**Sorbaria.** Foliage resembles Mt. Ash. Long feathery spikes of white bloom in July. Maximum height 4 to 6 ft. Kills back some but blooms on new wood. Price, 18 to 24 in., each, 45c; 10, \$4.00.

**Pikowiensis.** Stock obtained from Saskatoon, Sask. May flowering, white clusters of bloom, very hardy. Price, 12 to 18 in., each, 40c; 10, \$3.75.

**Trichocarpa.** Another very hardy spirea just obtained from Saskatoon. Usual height 3 to 4 ft. Blooms white. Price, 12 to 18 in., each, 35c; 10, \$3.25.



Froebelli Spirea.



Artemisia.



Van Houtte Spirea.

**SMOOTH SUMAC.** A hardy native. Notable for its very handsome foliage, its dark red fruit clusters which persist and its brilliant fall colors. Maximum height 5 ft. Price, 18 to 24 in., each, 40c; 10, \$3.75.

**ARTEMISIA or OLD MAN.** A very hardy Russian shrub useful for a quick hedge. Grows 4 to 5 ft. in one season; feathery, thick foliage. Should be cut back each year. Price, 2 to 3 ft., each, 35c; 10, \$3.00.





Elder Bushes.

**HAWTHORN** (*Crataegus*). A mass of white bloom in May and of bright red berries in August and September. Glossy leaves taking good fall colors. Max. height 8 to 10 ft. Its long thorns make it ideal for a hedge. **Price, 12-18 in., each, 35c; 10, \$3.25.**

**ELDER, RED BERRY.** A Manitoba shrub, blooms in June; clusters of red berries in July or early August. Height 5 to 7 ft. **Price, 18 to 24 in., each, 50c; 10, \$4.75.**

**ELDER, GOLDEN.** A shrub of the same size as the Red Berry with the same habit but with Golden foliage. **Price, 18 to 24, each, 50c; 10, \$4.75.**

**SNOWBALL** (*Viburnum opulus sterilis*). The snowball with its gorgeous display of big, white flower clusters in May or early June is an old favorite. **Price, 18 to 24 in., each, 50c; 10, \$4.75.**



Snowball.

**HIGH BUSH CRANBERRY** (*Viburnum americana*). Maximum height 5 to 6 ft. First cousin to the snowball. Flat clusters of white flowers. In the fall covered with bright red berries and brilliant foliage. **Price, 18 to 24 in., each, 45c; 10 for \$4.00.**

**SHEEP BERRY** (*Viburnum lentago*). Flat clusters of small white flowers followed by black berries. Lovely shining leaves of dark green which become a rich red in the fall. Maximum height 8 to 12 ft. **Price, each 45c; 10, \$4.00.**

**CHINESE PEACH.** A close relative of flowering almond. Height 5 to 7 ft. Blooms in April before the leaves come, flowers pink. A very hardy and beautiful shrub. **Price, 3 to 4 ft., each 60c; 10, \$5.50.**

**MAY DAY.** Leaves out earliest of all shrubs, blooms near May 1st. Height 8 to 12 ft. maximum. Flowers resemble the choke-cherry but more graceful. Perfectly hardy, a fast grower. **Price, 3 to 4 ft., each, 50c; 10, \$4.75.**

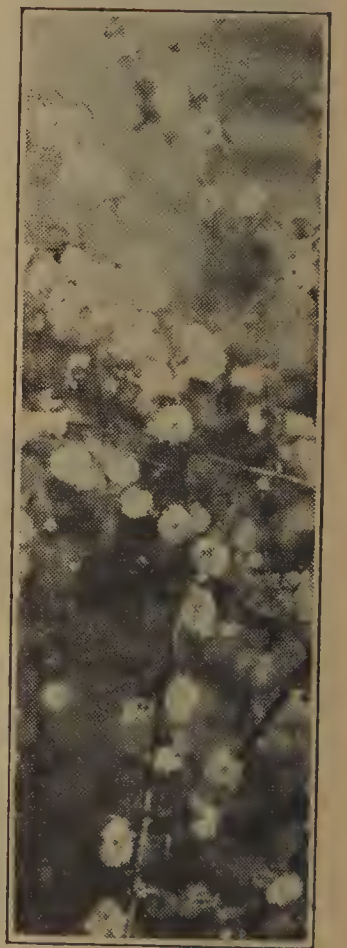
**RED DOGWOOD.** As a shrub or hedge the white flowers, bright red bark, white berries and fall leaf colors are all beautiful. Grows 4 to 5 ft high. **Price, 2 to 3 ft., each, 30c; 10, \$2.75.**

**POTENTILLA.** We have two kinds, the fruticosa and veitchii. Both grow about 1 to 2 ft. high and have large yellow, rose shaped blooms. Very useful as a low shrub blooming in July and August. **Price, 12 to 18 in., each 35c; 10, \$3.25.**

**SILVERBERRY.** Valuable for contrast because of its silvery color. Height 3 to 5 ft. Small very fragrant yellow blossoms in June. A native. **Price, 2 to 3 ft., each 35c; 10, \$3.25.**

**BUFFALO BERRY** (*Shepherdia argentea*). Also called bullberry. A native with silvery leaves and masses of bright red berries in late summer and fall. Maximum height 8 to 10 ft. **Price, 2 to 3 ft., each 40c.**

**PRUNUS TRILOBA** (Double flowering plum). Perhaps the loveliest of May blooming shrubs. Double pink blossoms an inch across come before the leaves. **Price, 3 to 4 ft., each, 75c.**



Prunus Triloba.



High Bush Cranberry.

**COTONEASTER, INTEGERRIMA.** A shrub reaching 4 ft. high, smooth glossy green leaves, pink flowers in May or June. Bright red berries in August and later. A handsome shrub, and hedge plant. **Price, 2 to 3 ft., each 70c.**

**CARAGANA PYGMEA.** The very dwarf type with large yellow flowers in June. Seldom grows over 2 ft. high. Neat and regular habit. Our nearest shrub to the brooms and heaths. **Price, each, 6 to 12 in., 50c; 10, \$4.75.**

**CARAGANA FRUTEX.** Grows 4 to 5 ft. tall. Flowers bright yellow, larger than Siberian Pea, and with larger leaves. Blooms a week or two later. **Price, 18 to 24 in., each 40c; 10, \$3.75.**

**DAPHNE CNEORUM.** A lovely little bush, about 1 ft. high, covered with showy pink flowers for much of the summer. Balled and burlapped. **Price, each, \$1.00.**



Potentilla.



Caragana Pygmaea.



## LILACS

**PURPLE.** The regular old favorite—one of the hardiest. Price, 18 to 24 in., each 40c; 10, \$3.75.

**WHITE.** The white form of the common lilac. Price, 18 to 24 in., each, 40c; 10, \$3.75.

**VILLOSA.** A rugged variety globular in shape, 6 to 7 ft. high with handsome foliage. A late bloomer, pale lavender pink flowers late in June. Price, each, 18 to 24 in., each 50c; 10, \$4.50.

**JOSKEA.** Hungarian lilac. Very much like the Villosa in size, appearance and habit of bloom, but the flowers are of a darker violet color. Price, 18 to 24 in., each, 50c; 10, \$4.50.

**PERSIAN.** Gradually replacing the older type because of its earlier blooming habit and the fact that it spreads very little. Blooms a week or two later than the common. Color more purplish than the common. Price, 18 to 24 in., each, 40c; 10, \$3.75.



Persian Lilac.



Siberian Pea.



Chinese Elm Hedge.

## Hybrid Lilac

**LUDWIG SPAETH.** Blooms early as do all the French hybrids. Does not spread in common with all of this class, and bears profusely semi-double, wine colored flowers in great cluster. Price, 18 to 24 in., each, 65c; 10, \$6.00.

**CHARLES X.** Color between lilac and violet, clusters of tremendous size. One of the favorites. Price, 18 to 24 in., each, 65c; 10, \$6.00.

**HIAWATHA.** A new hybrid from the famous plant breeder, A. B. Skinner of Manitoba. Foliage very large, flower clusters very heavy and of a deep rose color. Price, 18 to 24 in., each, \$1.25.

**POCAHONTAS.** Another A. B. Skinner hybrid. A large blossom of very dark purple and fine shape. We feel that we have especially fine items in these two Manitoba originations. Price, 18 to 24 in., each, \$1.25.

**MADAME LEMOINE.** A pure white double French hybrid. Price, 18 to 24 in., each, 65c; 10, \$6.00.

## SHRUBS FOR HEDGES

**RUSSIAN OLIVE.** (*Eleagnus angustifolia*.) Makes a beautiful, silvery hedge, a fine windbreak, and an excellent specimen shrub. Drouth, cold, heat and alkali resistant. Price, 6 to 12 in., 10, 75c; 100, \$5.00; 12 to 18 in., 10, \$1.00; 100, \$6.00; 18 to 24 in., 10, \$1.20; 100, \$8.00.

**SIBERIAN PEA** (*Caragana arborescens*). Makes a beautiful hedge, either trimmed or untrimmed.

a perfect snow trap in the shelter belt. Highly drouth and cold resistant. In June covered with yellow flowers. Price, 12 to 18 in., 10, 50c; 100, \$3.50; 1000, \$25.00; 18 to 24 in., 10, \$1.00; 100, \$7.00; 1000, \$50.00; 3 to 4 ft. transplants, each, 25c; 10, \$2.00.

### CHINESE OR SIBERIAN ELM.

This plant has been found to be an almost perfect hedge plant, rapid of growth, submits to trimming well, handsome in appearance as the picture proves. Price, 12 to 18 in., 10, 25c; 100, \$1.75.

### COTONEASTER (*Acutifolia*).

Experts now recognize it as probably superior even to privet for a low hedge. Perfectly hardy, handsome, clean and trims very well. Price, 12 to 18 in., each, 40c; 10, \$3.50; 100, \$30.00.

**BUCKTHORN.** A slow growing, very hardy and handsome hedge. Requires moisture and good soil. Price, 6 to 12 in., 10, \$1.50; 50, \$7.00; 2 to 3 ft., each, 30c; 10, \$2.50.



Purple Lilac.



Russian Olive.



Cotoneaster Hedge at Our Nursery.



## ORNAMENTAL VINES



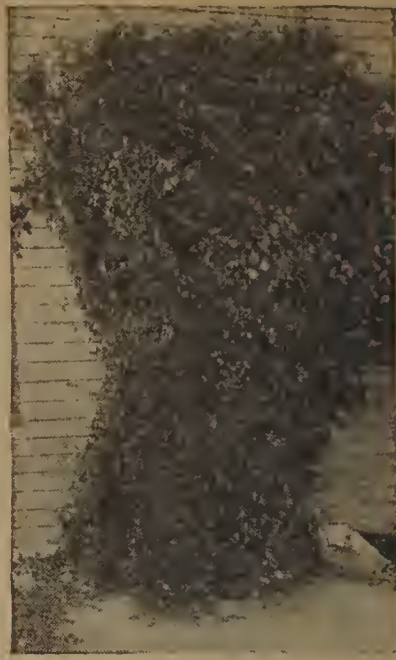
Woodbine.

**WOODBINE or VIRGINIA CREEPER.** The most popular porch vine in our list. Sometimes called 5-leaved ivy. Price, each, 30c; 10, \$2.75. Postpaid, each, 35c.

**ENGLEMAN'S CREEPER.** Resembles the woodbine, but has the added advantage of clinging tightly to brick, stone, concrete or stucco walls with no wires or other support. Price, each, 35c; 10, \$3.00. Postpaid, each, 40c.

**HOP VINE.** A handsome vine which grows 10 to 14 ft. in a season. The root lives over but the top dies back. Makes a heavy growth and does well in shade. Price, each, 20c; 10, \$1.75. Postpaid, each, 25c.

**CHINESE MATRIMONY VINE.** This is more of a trailing shrub than a climber. Useful on slopes, terraces and walls. Lavender flowers followed by bright red berries. Rapid grower. Price, each, 20c; 10, \$1.75. Postpaid, each, 25c.



Virgin's Bower.

**BITTERSWEET.** A native of great hardiness, noteworthy for the beautiful shape and color of the berries in fall. Handsome foliage. Price, each, 35c; 10, \$3.00. Postpaid, each, 40c.

**MENISPERMUM.** First listed this year after seeing the great value of it in Manitoba plantings. Leaves like Boston Ivy. Grows fast and endures shade. Kills back part way, but comes out stronger each year. Price, each, 40c; 10, \$3.75. Postpaid, each, 45c.

**CLEMATIS, WHITE or VIRGIN'S BOWER.** Starry, white



Englemann's Creeper.

flowers in July, feathery plumes in late summer and fall. Handsome, showy and very fast grower. Price, each, 30c; 10, \$2.75. Postpaid, each, 35c.

**CLEMATIS, JACKMANII — LARGE FLOWERED PURPLE.** One of the most beautiful plants that can be grown in the north. Needs some protection but is worth it. Price, each, 75c; 5 for \$3.50.

**CLEMATIS — LARGE FLOWERED YELLOW.** A very hardy large flowered type of great beauty. Price, each, 35c; 10, \$3.00. Postpaid, each, 40c.

## HARDY ROSES



Prairie Rose.

**HARRISON'S YELLOW.** Grows 5 to 6 ft. tall. In June is covered with masses of double yellow blossoms. Absolutely hardy. Price, each, 65c; 10, \$6.00.

**PINK SCOTCH.** Another extra hardy bush rose, 20 to 30 inches tall. Blooms in June with many good sized, double, pale pink rose blossoms. Price, each, 65c; 10, \$6.00.

**BETTY BLAND.** See picture and description of this New Canadian rose on page 1. Price, each, \$1.00.

**PRAIRIE ROSE.** North Dakota's state flower. A compact bushy rose never over 2 ft. tall, a mass of pink flowers in June followed by large red hips. Useful in the shrub border. Price, each, 35c; 10, \$3.00.

**ROSA RUBRIFOLIA.** Ht. 4 to 5 ft. Red bark and foliage and dark red fruit are the features of this hardy rose; the flowers, small and pale pink, come in June, but the plant is striking and beautiful at all times. Price, each, 45c; 5, \$2.00.

**CRIMSON RAMBLER.** Hardest of the climbing roses and needs protection over winter. In a favorable location it will make 7 ft. of growth in a season. Price, 50c; 5 for \$2.25.

**CRIMSON BABY.** This is a low bush rose, 12 to 15 in. high, blooming all summer with a profusion of bright red roses an inch across. Price, each, 50c; 10, \$4.50.

### HYBRID RUGOSA

**HANSA.** Rugosa hybrid bearing double dark wine red roses through the summer. Bush 2 to 3 ft. tall, strong and vigorous. Handsome foliage. Price, each, 50c; 5, \$2.25.

**AMELIE GRAVEREAUX.** A more delicate type of rugosa hybrid with flowers more like the hybrid perpetual type, of a bright rose red color, blooms all season. Height not over 2 ft. Very fragrant. Price, each, 50c; 5, \$2.25.

**SIR THOS. LIPTON.** Perhaps the best white rugosa hybrid. Large, double white flowers, coming throughout the season, fragrant. Price, each, 50c; 5, \$2.25.



Sir Thos. Lipton.



Harrison's Yellow.



Hansa.



**Agnes.****Grootendorst Rose.****Dr. E. M. Mills.**

**AGNES.** The Yellow rugosa hybrid. A handsome clear yellow, full double flowers borne throughout the summer at intervals. Bush 3 to 4 ft. high. Rugosa foliage. Price, each, 60c; 5, \$2.75.

**NEW CENTURY.** Bush 2 to 3 ft. high. Lovely pink flowers of great size, handsome rugosa foliage. Price, each, 50c; 5, \$2.25.

**SARAH VAN FLEET.** A product of one of the greatest of rose growers. Flowers very double, very large, and of an

unusual shade of pink. Strong, thrifty and hardy. Price, each, 50c; 5, \$2.25.

**DR. E. M. MILLS.** Another Van Fleet hybrid. A landscape and shrubby rose—handsome foliage and semi-double primrose colored blossoms. Price, each, 50c; 5, \$2.25.

**F. J. GROOTENDORST—the CARNATION ROSE.** A cross between rugosa and baby rambler. Flowers in clusters looking like carnations. Plant 18 to 24 in. tall. A novelty. Price, each, 50c; 5, \$2.25.

## Choice Peony Roots

1938 Pioneer Peony Collection  
A Most Unusual Value  
Two Each—FELIX CROUSSE, fine red and  
COURONNE d'OR, a high class white.  
Special Price, \$1.00, Postpaid

FINE MIXED PEONY Roots—A mixture of good named varieties. Postpaid: Each, 20c; 10, \$1.75.

### PEONY ARISTOCRATS

**MARY BRAND.** Rose type, extra fine mid-season red. Price, 90c each; postpaid, \$1.00.

**MONS. MARTIN CAMUZAC.** The darkest of all peonies. Price, 90c each; postpaid, \$1.00.

**PHILIPPE RIVOIRE.** Blooms late. Most perfect of all reds. Price, \$1.90; postpaid, \$2.00.

**LE CYGNE.** Most perfect of all peonies, white mid-season. Price, \$2.40; postpaid, \$2.50.

**TOURANGELLE.** Rose type, late, delicate pink. Price, each, \$1.00; postpaid, \$1.10.

**SOLANGE.** One of the most perfect, late, heavy blooms of delicate smoky white. Price, \$1.00; postpaid, \$1.10.

### WHITE PEONIES

**COURONNE d'OR (Late White).** One of our best late peonies. Semi-rose type, of an ivory color with conspicuous crown of golden stamens in the center. Blooms large, excellent for cutting. Each, 30c; 5 for \$1.25; postpaid, each, 35c; 5, \$1.50.

**AVALANCHE.** A medium late bloomer, very double with flecks of red at the center. Heavy bloomer. Each, 40c; 5 for \$1.75; postpaid, each, 45c; 5, \$2.00.

**MADAME de VERNEVILLE.** Early, heavy blooming, strong stems, rose type, very satisfactory for cutting. Each, 40c; 5 for \$1.75; postpaid, each, 45c; 5, \$2.00.

**FESTIVA MAXIMA.** The largest and finest of all white peonies. Rose type flower, very early and wonderful to cut. Each, 40c; 5 for \$1.75; postpaid, each, 45c; 5, \$2.00.

### RED PEONIES

**FELIX CROUSSE.** One of the finest of the reds, color of a rich ruby, full rose type bloom, late midseason in appearing. A sturdy plant with many blooms which are excellent for cutting and handsome on the stems. Each, 40c; 5 for \$1.75; postpaid, each, 45c; 5, \$2.00.

**KARL ROSENFELD (Red).** One of the finer sorts, comes in early midseason. A rich velvet crimson in color with a bloom in every shoot. Blooms large and of the rose type. One of the richest flowers we have. Each, 40c; 5 for \$1.75; postpaid, each, 45c; 5, \$2.00.

### PINK PEONIES

**MONS. JULES ELIE.** This is undoubtedly the finest rose-pink peony in cultivation. The flowers are of tremendous size, very compact, and display class in shape, color and size. This is probably the largest peony known. Each, 60c; 5 for \$2.75; postpaid, each, 65c; 5, \$3.00.

**SARAH BERNHARDT.** This is one of the finest pinks—of an apple blossom shade. Late midseason, rose type. A wonderful show peony. Each, 70c; 5 for \$3.00; postpaid, each, 75c.

**CLAIRE DUBOIS.** A late bloomer; color a lovely violet rose, very double, very large. An outstanding pink. Each, 75c; 5 for \$3.00; postpaid, each, 80c.

**Couronne d'Or.****Felix Crousse.****Jules Elie.****Avalanche.**



# IRIS VARIETIES FOR THE NORTHWEST

## DWARF EARLY IRIS



Dwarf Early Iris.



Fro.

**EUROPEAN YELLOW FLAG.** (Iris pseudacorus.) This is an exceptionally hardy iris, valuable more for its size and vigor than for the flowers, which are a pale yellow. The plant attains a height of 3 to 5 feet in a very short time and soon forms a heavy clump. Very useful therefore in beds and landscape planting. Needs plenty of moisture to look its best. Each, 15c; doz., \$1.50, postpaid.

**SAMBO PUMILA.** The earliest of all iris; a dwarf variety of uncommon beauty which blooms very early in the spring. Color a rich purple. Especially suited for edging and borders. Postpaid, each, 15c; doz., \$1.25.

**ARENARIA.** A very early yellow variety; groups well with the Sambo. Postpaid, each 12c; doz., \$1.00.

**DARK BLUE PUMILA.** This is a trifle later and a few inches taller than the Sambo with a somewhat darker and larger blossom, fully as hardy and excellent in every way. Postpaid, each, 15c; doz., \$1.50.

**WHITE PUMILA.** This is another of the extra hardy dwarf type, same size as the dark blue, of a handsome silvery color, and a prolific bloomer. We have grown it and satisfied ourselves of its value before placing it on sale. Postpaid, each 15c; doz., \$1.50.

**AZUREA.** This rounds out our list of the valuable early dwarfs with one of a sky blue color. Postpaid, each 15c; doz., \$1.50.

One of each of these Dwarf Iris—50c, postpaid.

## BEARDED IRIS

Prices on all Iris listed below, except when otherwise noted, postpaid, each, 15c; doz., \$1.00.

**FRO.** Standards yellow, falls rich velvety purple, narrow yellow border. Low. 40 inches. Fragrant. The flowers are gigantic in size, measuring seven inches in length and it has a delightful cinnamon fragrance.

**LORD OF JUNE.** Such an iris really makes the old type iris look like pigmies. The standards of Lord of June are of soft lavender blue and the falls rich violet blue. Postpaid, each 22c; doz., \$2.20.

**MORNING SPLENDOR.** This is one of the best large reds so far produced. Postpaid, each, 20c; doz., \$2.00.

**SEMINOLE.** This is one of the finer irises. Color a rich velvety crimson of striking quality. Height, 30 inches.

**DUSKY MAID.** Standards pale buff, falls broad, deep mauve purple with pale margin.

**CORONATION.** A very tall deep yellow, rather new and very fine.

**QUAKER LADY.** This is an odd and unusually beautiful iris in soft tones; the standards are in smoky lavender and gold; the falls are a combination of blue, yellow and orange. Postpaid, each, 12c; doz., \$1.25.

**GLOWING EMBERS.** A most striking bloom, iridescent buff and violet illuminated in orange.

**AUTUMN KING.** Blooms both spring and fall. Large blue and purple bicolor blooms.

**DUKE OF YORK.** Very tall, late, soft mauve, a very heavy bloomer.

**PROSPERO.** Enormous flowers, standard pale lavender, falls velvety red violet with orange beard.

**QUEEN CATERINA.** Large, heavy flower, tall, both standards and falls pale violet.

**LENT A. WILLIAMSON.** Very tall, graceful blooms, blue and purple.

## FINEST MIXED IRIS

### ALL NAMED VARIETIES

The best mixture we have ever offered. Do not miss this bargain. Postpaid, each, 8c; doz., 80c.

## NEW ADDITIONS TO OUR LIST

**TROSTRINGER.** Hardy and beautiful; a first year bloomer. Pale pink. Postpaid, each, 20c; doz., \$2.00.

**SUN GOD.** Deep yellow, heavy bloomer; hardy and adapted. Postpaid, each, 20c; doz., \$2.00.

**PRAIRIE GOLD.** A Great Plains type—hardy and beautiful; very large yellow flowers. Postpaid, each, 20c; doz., \$2.00.

**MIDGARD.** A lovely pink and yellow blend.

Free bloomer; strong grower. Postpaid, each, 20c; doz., \$2.00.

**KING KARL.** A light pinkish cinnamon, sanded and dotted. Postpaid, each, 20c; doz., \$2.00.

**KING JUBA.** Yellow standard, red falls. Very large stalk, and bloom to 40 inches tall. Postpaid, each, 25c; doz., \$2.50.

**RAMESES.** A prolific bloomer; vigorous. Pink and rose tones blended. Tall. Postpaid, each, 30c; doz., \$3.00.

## 1938 PIONEER SPECIAL

### FINE IRIS COLLECTION

One of Each of These

**\$1.00**

Seminole  
Lord of June  
Morning Splendor  
Fro  
Coronation

Dusky Maid  
Quaker Lady  
Autumn King  
Glowing Embers  
Prospero

10 FINE IRIS FOR \$1.00, POSTPAID

## GREAT PLAINS \$1.00 IRIS COLLECTION

A very carefully selected list of iris especially adapted to Great Plains conditions. All originated by an iris specialist of the Great Plains region.

Rameses  
Prairie Gold  
Midgard

One each  
Price, \$1.00,  
Postpaid

Trostringer  
King Karl  
Sun God



Cristata Pentstemons.

## LOVELY HARDY PENTSTEMONS

**PENTSTEMONS.** These outstandingly lovely western perennials are found at their best on the Great Plains and in the mountains. We are offering this year 4 different kinds, all native to our state and all very striking and handsome.

**GRANDIFLORA.** 18 to 24 in. tall. Blooms in late June. A tall spike of lavender bells an inch across.

**GLABER.** 1 to 2 ft. high. Smooth, rather bright green leaves, flowers bright blue, an inch across.

**CRISTATA.** 6 to 12 inches high. Rough grayish foliage. Very handsome purple flower spikes.

**DWARF BLUE.** This seems to be a natural hybrid as it fits none of the regular descriptions. 6 to 12 in. high, glossy leaves, the bluest flower of all and the most lovely.

Postpaid, each, 15c; doz., \$1.50; one of each of the four for 50c.



Grandiflora Pentstemons.



# HARDY FLOWERING PERENNIALS

Prices unless otherwise quoted: Each, 18c; 10, \$1.70; postpaid, each, 21c; 10, \$2.00.

**ALLIUM.** Can furnish either pink or yellow blossom. Blooms in July.

**ACHILLEA (The Pearl).** Blooms July to October. Double white aster-like flowers. 18 in.

**AMORPHA. Fruticosa.** Almost a shrub, 4 to 6 ft. high,

delicate leaves, purple blossoms in July. **Canescens.** 18 in. high, gray divided foliage, purple and gold spikes in July.

**ANEMONE (Canadensis).** Waxy white flowers produced thickly in late June like a white buttercup.



Dakota Aster

**ASTER. Dakota Pink.** A late blooming, large flowered, lovely pink dry land aster. Ht. 12 to 18 in., blooms September and October.

**Dakota Blue.** The bright blue form of the same aster above. Lovely contrasting pink and blue for border planting.

**Garland.** A late blooming white. Flowers in graceful festoons on the slender stems.

**Shady Place (laevis).** 3 to 5 ft. tall, varying shades of blue with a handsome flower, comes in August. Suited to light or heavy shade.

**Rosy New England.** Mrs. Heath's selection and exceptionally beautiful. Ht. 3 to 5 ft. Masses of lovely rose colored blossoms in September.

**Golden.** In August and September its bright golden masses mingle with the blues of the Dakota Aster on the prairies.

**BLUE-EYED GRASS (Sisyrinchium).** A relative of the iris, native to our low spots and coulees. Ht. 1 ft. Clumps of grass-like stems with a blue star on each. Early June.

**BOUNCING BET (Saponaria).** A very hardy, long blooming favorite, 12-18 in. high, resembles perennial phlox to some degree. Flower white. All summer.

**BLAZING STAR—LIATRIS or GAY FEATHER.** Grows 12 to 18 in. tall. Long spikes studded with purple buttons.

**BABY'S BREATH. (Standard Type.)** One of the best and most used perennials with its feathery white plumes.

**Bristol Fairy.** The very double flowered, grafted roots make it more expensive. Price, 40c; 10 for \$3.75; postpaid, each, 45c; 10 for \$4.00.

**BLEEDING HEART (Dicentra spectabilis).** The indispensable perennial. Each, 45c; 10, \$4.00; postpaid, each, 50c; 10, \$4.75.



Pink Coneflower

**CACTI. NORTH DAKOTA NATIVES. Prickly Pear (Opuntia oxyacantha).** Our largest cactus, blooms in late June and early July.

**Opuntia fragilis.** A more slender form with nearly round branches.

**Rose Cactus (Mamillaria vivipara)** The little prairie pincushion, blooms in June.

**White Pincushion (Missouriensis)** Straw colored flowers with luminous orange centers.

**CAMPANULA—BLUE BELL (Rapunuloides).** 30 in. tall, blooms in June and July.

**COLUMBINE (Canadensis, honeysuckle).** The yellow and red type native to the north. Late June.

**Rocky Mountain (coerulea).** Lovely blue shades. Colorado's state flower. June. 12 to 18 in.

**Hybrid.** Large, long-spurred, in blues, whites, yellows and reds. Early June. 12 to 18 inches.

**CONEFLOWER, PRAIRIE (ratibida).** Lovely mixtures of yellows, reds and combinations of the two. 12 to 15 in. Blooms in August.

**CONEFLOWER, PINK or PURPLE (echinacea).** Ht. 18 to 30 in., blooms in July and August very profusely under cultivation.

**CHIVES (Grass Onion).** Useful as a garnish and flavor in cooking as well as for its pretty purple flowers.

**DAISY Giant.** 4 to 5 ft. Blooms in September or late August. Very showy.

**Painted.** In rose and yellow, 12 to 15 in., flowers in July and through the summer.

**Shasta.** One of the handsomest, blooms from July steadily. Ht. about 2 ft.

**DIANTHUS DELTOIDES.** We can furnish three varieties, Splendens, Requieri and Suzanne. Particularly suited to rock gardens.

**DELPHINIUM, Belladonna.** The pale blue, tall spired larkspur 3 to 6 ft. high.

**Bellamosa.** The dark blue, more slender type. 3 to 4 ft.

**New Zealand Dwarf.** Only 12 to 18 in. high. Seed obtained from New Zealand 2 years ago. Dark blue. Price, each, 25c; postpaid, 30c.

**ERIGERON (flagellaris).** A lovely western native, very useful as a ground cover, with its many daisy like blossoms. Ht. 6 in. Blooms July to October.

**ERYNGIUM—Sea Holly.** 18 to 30 in. tall. Notable for the glowing amethyst color which the whole plant takes on at blooming time in August.

**FLAX, Blue Perennial.** Makes graceful clumps of heavenly blue flowers renewed every morning. Blooms for weeks. Height 12 to 20 in. June till fall

**GAILLARDIA—Blanket Flower.** A native which has had a Hollywood career—appearing in all possible variations of red and gold. 12-15 in. June to Oct.

**GOLDEN GLOW. Golden Ball.** The latest in striking perennials. Dwarfs the old Golden Glow into insignificance with its tremendous double golden blooms. Price, each, 25c; 10, \$2.25; postpaid, each, 30c; 10, \$2.75.

**GOLDEN ROD. Early Dwarf.** Only 12 to 15 in. tall, blooms in July and August. A rock plant. Tall. The tall graceful sprays come mostly in August, 18 to 24 in.

**GUMBO LILY, Cow Boy Lily (White Evening Primrose).** This denizen of our Bad Lands and buttes is one of the most beautiful of our native flowers as well as one of the hardiest. It is very low growing and under good conditions is covered with white blossoms the size of a large single rose most of the summer. As the flower ages the blossoms take on a pink color.

**GUTIERREZIA.** A lovely native fall plant producing almost perfect hemispheres of gold in August and September.

**HELIOTROPE, Native-orocarya.** A biennial. A very fragrant little plant of inconspicuous appearance but with a strong heliotrope scent. Blooms July.

**HOLLYHOCK.** A fine range of colors in this old favorite.

**Double.** We have the finest strains in crimson, yellow and white. Price, 23c each; 10, \$2.00; postpaid, each, 25c; 10, \$2.25.



Shasta Daisy



Gaillardia



Gumbo Lily



Erigeron



Hollyhock



Prices unless otherwise quoted; each, 18c; 10, \$1.70; postpaid, each, 21c; 10, \$2.00.



Tiger Lily

**LILY. Single Tiger.** Hardest of the real cultivated lilies, blooms in July. Height 2 to 4 ft.

**Double Tiger.** More delicately formed than the single, blooms one to three weeks later. Very hardy.

**Elegans.** 12 to 15 in. high. Blooms in late June, before the tiger lilies. Blossom not drooping.

**Coral (Tenuifolium).** A lovely, little dwarf red lily, very hardy, 12 to 20 in. high, blooms early.

**Day, or Hemerocallis.** An entirely hardy orange type day lily—18 to 36 in. tall. Blooms in July.

**Lily of the Valley.** Loves shady nooks and thrives in them. Price, clumps, each 30c; 10, \$2.75. Postpaid, each, 35c; 10, \$3.25.

**LINARIA. Butter & Eggs.** Like a perennial yellow and white snapdragon.

**MEADOW RUE (Thalictrum).** 4 to 5 ft. Leaves like Columbine. Large feathery plume of pinkish bloom in June.

**MONARDA (Fistulosa).** Horsemint. Large pinkish lavender flower heads in July and August. Related to cambridge scarlet.

**MALLOW (Malvastrum).** Red prairie mallow, sometimes called wild geranium. Flame colored flowers in late June; 6 in. high.

**MALLOW (Poppy).** 6 in. high, a ground cover, multitudes of lovely purple, poppy like blooms.

**PHLOX—Ada Black Jack.** See inside Front cover for this new extra hardy Canadian Phlox. Postpaid, each, 40c; 6, \$2.25.

**Pyramid.** A lovely white, just as hardy as Black Jack and a new Canadian sort. Postpaid, each, 40c; 6, \$2.25.

**Woodsii Native Phlox.** A ground cover with very fragrant white flowers in May.

**PRIMROSE-MISSOURI.** 6 to 10 in. Bright yellow flowers 4 inches across for a long period.

**PASQUE FLOWER-PRAIRIE CROCUS (Pulsatilla patens).** The first prairie flower of spring. Its blue blossoms bloom in the snow.

**BELLFLOWER (Platycodon).** Blooms from late June to fall. 1 to 2 ft. high. Lovely, large bells. Can supply in blue or white.

**PRAIRIE CLOVER (Petalostemum).** 10 to 18 in. high. Midsummer blooms of purple and white very attractive to butterflies. Can supply in either color.

**PRICKLY POPPY.** 18 to 24 in. Blooms in July. Great waxy white blooms, 4 inches across with golden center. Must be cut before seeding or they die.

**POPPY, ICELAND.** 12 to 15 inches. Comes in orange, yellow and white blossoms, two inches across.

**SIBERIAN LAVATERA.** 3 to 5 ft. Blooms from July on, handsome pink blossoms like mallows.

**SIBERIAN SWEET PEA.** Grows in vine form 2 to 4 ft. long. Covered in July and August with purple blossoms.

**SPIDERWORT (Virginiana).** 8 to 15 in. tall. Blooms in late June and July. The bluest of all blue flowers.

**SEDUM, Kamschaticum.** Low ground cover with many yellow flowers.

**Stoloniferum.** A pink flowered and very hardy ground cover.

**Speetabile.** Grows up to 1 ft. high with handsome foliage and stalks topped with clusters of pink flowers.

**SUNFLOWER, MAXIMILIAN.** 4 to 6 ft., stalks studded with yellow rosettes of bloom in August. Resembles Golden Glow.

**SWEET WILLIAM.** A dianthus with bright colored flowers in cluster. 6 to 12 in.

**STATICE.** Resembles baby's breath but with a lavender color. Fine to cut.

**SIDERANTHUS.** 6 to 12 in. tall. A dry land, frizzled leaved plant with bright yellow blooms.

**TANSY, Plover Head.** 2 to 3 ft. Very hardy. Blooms from July. Clusters of yellow flowers.

**VIOLET—Native White.** The shady place violet, very useful on the north of a house, etc.

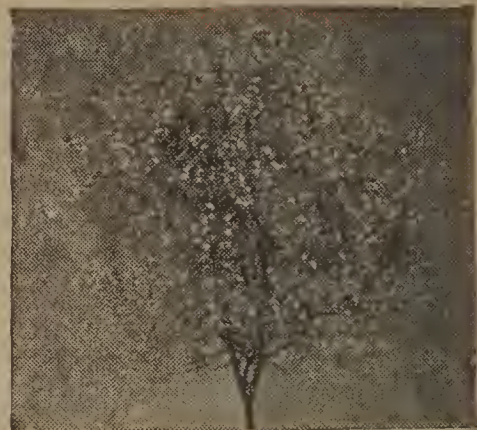
**Native Blue.** A lovely flower, large under cultivation and very prolific.

**YARROW ROSEA—Crimson Yarrow.** Ht. 12 to 18 inches. Blooms in July.

**YUCCA GLAUCA—Spanish Bayonet.** The hardest of the Yucca family. In July produces a tall spike of bell like flowers.



Pasque Flower



Statice



Prickly Poppy



Siberian Lavatera



White Violet



Prairie Clover



Bell Flower



Yucca



# HARDY RASPBERRIES



Chief

**CHIEF.** A Minn. Fruit Breeding Farm variety. Not quite as long a keeper as Latham but hardier, and a very heavy yielder. Price: Doz., 50c; 100, \$3.00; postpaid, doz., 60c.

**LATHAM.** This production from the Minn. Fruit Farm is perhaps the standard commercial raspberry of the country now. Fairly hardy but needs some protection in more difficult locations. Large, bright red, ripens uniformly, keeps very well. Price: Doz., 40c; 100, \$2.50; postpaid, doz., 50c.



Chief Raspberry

## GOOSEBERRIES

**PIXWELL.** One of Professor Yeager's wonderful productions. A cross between a native wild selection and a high quality cultivated sort. The berries are very large. The plants rapid growing and vigorous. A heavy bearer. Fruit on long stems and bushes sparse in thorns, hence they are very easy to pick. Price: Each, 40c; doz., \$4.00; postpaid, each, 45c; doz., \$4.30.

**HOUGHTON.** The hardiest of the older sorts that we have ever found. Fruit smooth, pale red, tender and well flavored. Not subject to mildew. Strong 2 yr. plants. Doz., \$2.00; postpaid, doz., \$2.25.

**NATIVE WILD.** Useful especially as an ornamental, but valuable also for the considerable quantity of fruit produced. Fruit is only a little smaller than tame sorts and makes excellent jam. It is the first plant to leave out in the spring when its new vivid green leaves herald the season among clumps of other shrubs. Turns bronze red in fall. Each, 30c; doz., \$3.00; postpaid, each, 35c; doz., \$3.50.



Houghton



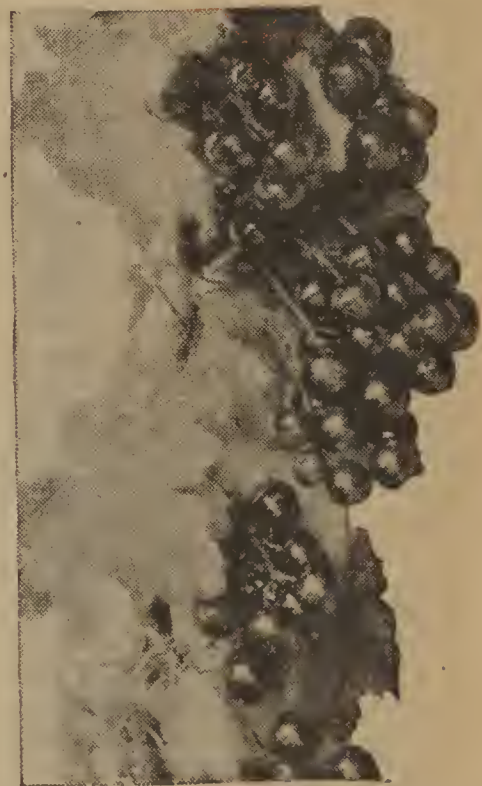
Pixwell

## CURRANTS

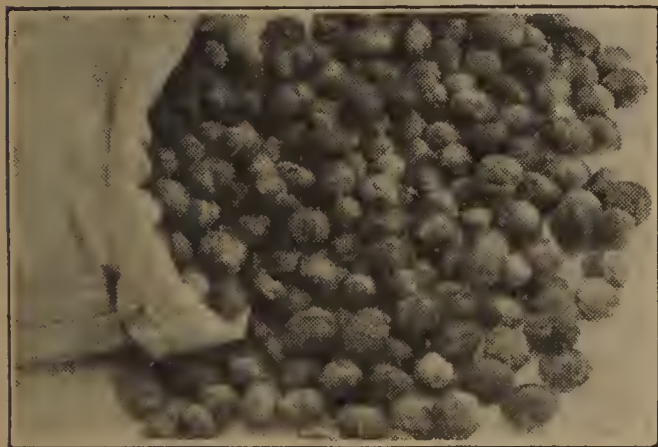
**RED LAKE.** This variety from the Minn. Fruit Breeding Farm is generally conceded to be the greatest improvement among currant varieties that has been brought out in the past 30 years. Hardy, highest quality, very prolific. The best red currant in existence. Price: Each, 35c; doz., \$3.50; postpaid, each, 40c; doz., \$4.00.

**WHITE GRAPE.** A clear, translucent white currant—sweetest of all the currant varieties. Fruit is large as are the clusters. A steady annual bearer. Hardy. Each, 25c; doz., \$2.50; postpaid, each, 30c; doz., \$3.00.

**NATIVE BLACK.** Transplanted, nursery grown stock of this hardy native. Black fruits in clusters. Excellent for jam and jelly. Also an ornamental of some value. Price, 2 yr., each, 30c; doz., \$3.00; postpaid, each, 35c; doz., \$3.30.



Red Lake



Hazelnut

## HAZELNUT

The only plant bearing edible nuts native to North Dakota. Found over most of the state and perfectly hardy. Ours are from both species, the rostrata and americana. These can not be distinguished except from the fruit. 4 to 6 ft. tall, forming a dense bush, the nuts hang on in clusters, are relatives of the filbert, edible and pleasant to eat. Foliage takes on a lovely yellow in fall. Price, 2 to 3 ft., each, 25c; 10, \$2.25; postpaid, each, 30c; 10, \$2.50.

**BOHEMIAN HORSERADISH.** The best cultivated variety. Plant a dozen now and it will keep coming every year. Doz., 30c; postpaid, doz., 35c.

**ASPARAGUS—MARY WASHINGTON.** Postpaid, doz., 35c; 50, \$1.00; 100, \$1.75. F.O.B. here, doz., 30c; 50, 90c; 100, \$1.65.

## RHUBARB ROOTS

**MCDONALD.** Price, each, 45c; doz., \$4.50. Postpaid, each, 50c; doz., \$5.00.

**RUBY.** Another valuable Canadian sort. Price, each, 45c; doz., \$4.50. Postpaid, each, 50c; doz., \$5.00.

**STANDARD RHUBARB.** Price, doz., \$1.00. Postpaid, doz., \$1.20.



# Strawberries

We are pricing strawberry plants only at postpaid prices. All orders for them will be shipped separately as we can not usually start shipping them till nearly May first, and the plants are likely to be damaged if packed in with other goods.

## PRICES:

### PROGRESSIVE

25 .....	\$ 0.60
50 .....	1.00
100 .....	1.80
1000 .....	16.00

### SENATOR DUNLAP

25 .....	\$0.35
50 .....	.60
100 .....	1.00
1000 .....	8.00



Progressive

**PROGRESSIVE.** We still feel that this is the best everbearing strawberry available for the Northwest, although we hope to be able to offer something better soon. It is very hardy, productive and of delicious quality. Usually bears in June and again in August and September.

**DUNLAP.** Likewise we have found the Dunlap to be the best all-round June-bearing variety for our climate. The vine is tough, the foliage bright and heavy. Runners form rapidly. The fruit is born bounteously, and the berries are regular in shape and delicious in quality. They are large, bright red, and good keepers. Excellent for canning.



Senator Dunlap

## GRAPES

**BETA.** One of several hybrids between Concord and the wild grape, produced in Minnesota a number of years ago. The Alpha is of the same group. The hardiest tame grapes so far introduced—the fruit is blue-black, of medium size with a pleasant, aromatic flavor. Should be planted only in sheltered spots where they bear well. Fruit ripens the last of August. Price: Strong plants, each, 25c; doz., \$2.50; postpaid; each, 30c; doz., \$2.80.



Alpha Grapes

**ALPHA.** A sister of the Beta which it very closely resembles. Possibly a little better adapted to the heavy black soils. Fruit is perhaps a little sweeter. Size a trifle smaller than the Concord. Each, 25c; doz., \$2.50; postpaid; ea., 30c; doz., \$2.80.

**NATIVE WILD (Vitis riparia).** To insure fruit several should be planted as each plant is of a single sex. A fast grower, valuable as an ornamental climber, noted for the wonderful fragrance of its blossoms in June, and for the value of the fruit for jams, jellies and grape juice. Strong young plants. Each, 20c; doz., \$1.80; postpaid; each, 23c; doz., \$2.00.



Beta Grape

## HARDY PEAR

**PATTEN NO. 5.** The hardiest pear we have so far found. Has wintered at several Canadian stations and in Minnesota. However, should be planted only in a favorable, sheltered location. A heavy bearer, rather small but of excellent quality. Each, 80c; 5 for \$3.75.



Patten No. 5



# HARDY APPLE TREES



**Mantet Apple.**

All authorities on Great Plains Horticulture recommend planting only young stock such as we offer because it establishes itself much more quickly and easily and there is likely to be less loss. Remember that our apples are grafted and budded on the hardiest apple roots in the world.

**MANTET.** This is an introduction from the Dominion Horticultural Station at Morden, Manitoba, and a result of some of their extensive fruit breeding work. Mantet is to all intents an early, hardy McIntosh with the same deep red color. Ripens with the Duchess but remains good till late fall. Sturdy trees and heavy bearing. 2 to 3 ft. trees. Each, 75c; 5 for \$3.50.



**Budding Apples on Hardy Roots at Our Nursery.**

**ANOKA.** The earliest bearing of all large apples. Begins to fruit the year after it is planted and bears regularly thereafter. Should be replaced every 5 to 10 years as it is not long lived. Fruit resembles the Duchess. Hardy under severe conditions. A production of Dr. N. E. Hansen. Each, 3 to 4 ft., 60c; 5 for \$2.75.



**Anoka.**

**RED WING.** The Red Wing seems to show better from year to year as it grows older. Very highly regarded in Canada both for its quality and its hardiness as well as its freedom from blight. Fruit medium to large, of wonderful eating quality, hangs to the tree well, and keeps well into the winter. Beautiful in appearance, firm, fine grained and juicy. 3 to 4 ft. Each, 60c; 5 for \$2.75.

**HARALSON.** A real winter apple, hardy enough for the Northwest. A Minn. Fruit Breeding Farm production. A strong grower, resistant to fire blight, bears early and yet the fruit keeps in good condition till spring. Apples are large and deep red, flavor excellent. Has proven very hardy. 3 to 4 ft. Each, 60c; 5 for \$2.75.

**BEACON.** Formerly Minn. No. 423. It is a long season fall apple of very high quality. Good sized, of a beautiful dark red color, and has proven exceptionally hardy under Minnesota trials. Named and offered last year for the first time after having done exceptionally well in numerous trials. 3 to 4 ft. Each, 65c; 5 for \$3.00.

**DUCHESS.** One of the very hardy apples of the Russian strains.

Early and hardy but the fruit

is not good after September. Free from blight, and a heavy bearer. Fruit good sized, yellow with red stripes, tender and juicy. 3 to 4 ft. Each, 60c; 5 for \$2.75.

**WEALTHY.** Keeps till January and is ready to use by October. A Minnesota variety which

has become a universal favorite. Tree of good habit, hardy, blight resistant. Bears many large dark red apples with crisp, sub-acid white flesh tinged with pink. Not as hardy as some of the new sorts but safe over most of the Northwest. 3 to 4 ft. Each, 60c; 5 for \$2.75.



**Haralson.**



**Wealthy.**



# Hardy and Prolific Crab Apples

The hardy crabs are without doubt one of the very surest fruit crops for the Northwest; particularly if they are allowed to grow in bush form.



Whitney



Florence



Whitney

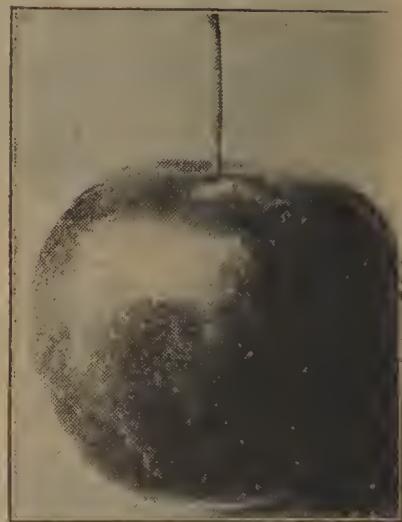


Red River



Flame

**RED RIVER.** Dr. Yeager's fine new crab. A cross between Dolgo crab and Delicious apple. Wonderful quality and flavor as an eating apple. A late large crab, round to oval; bright red skin, solid flesh of good color. A long keeper. 2 to 3 ft. Each, 75c; 5 for \$3.50.



Red River

**DOLGO.** Dr. N. E. Hansen's wonderful production. Outstanding for hardiness, for ornamental value and for fruit. A sturdy, upright tree. A heavy bearer. Fruit of a very bright red color, somewhat oval, medium in size. Matures in September. 3 to 4 ft. Each, 60c; 5 for \$2.75.

**SIBERIAN CRAB.** One of the hardiest of all types of apples. Even weather of the past five years has not touched them. Matures in August and September. Fruit small but borne very heavily. A handsome tree. Excellent for jelly. 3 to 4 ft. Each, 60c; 5 for \$2.75.

**FLORENCE.** A Minnesota variety which has proven particularly hardy in the Great Plains. A fine, hand-

some tree, with heavy crops of beautiful, round medium sized crab apples of very good flavor. 3 to 4 ft. Each, 60c; 5 for \$2.75.

**WHITNEY.** One of the largest and best flavored crabs for eating from the hand. Matures late August and possesses nearly all the qualifications for a perfect crab. Bears rather lightly on the Great Plains except in a favorable year. A fine shaped, upright tree of great sturdiness. An excellent pie apple. 3 to 4 ft. Each, 60c; 5 for \$2.75.

**FLAME CRAB.** Another production of the Minnesota Station. Similar to the Dolgo in hardiness and quality and even more ornamental in appearance. 3 to 4 ft. Each, 75c; 5 for \$3.50.



Dolgo

Feb. 8, 1936

Please send me your catalog. I would like to get some more fruit trees. If somebody says that we can't raise fruit in North Dakota, then tell them it isn't so. Last year we raised from twelve trees, 15,064 pounds of apples.

Fred Kungel,  
Hebron, N. Dak.



# CHERRIES and CHERRY HYBRIDS

Nearly all of these plants are self-sterile—plant wild plum or sand cherry near them for pollenizing.



Brooks Sand Cherry.

**BROOKS SAND CHERRY.** The largest and best selected sand cherry yet introduced. From the C. P. R. Agricultural Station at Brooks, Alberta. Fruit over an inch in diameter, excellent for jam and canning. Branches do not drag on the ground. Produces a crop in the driest years. **2 year bushes. Each, 75c; 5 for \$3.50.**

**COMPASS.** The oldest and best known of the sand cherry hybrids. Ripens late July or August. Fruit bright red when mature, nearly an inch long, oval, pleasant to eat fresh; unrivalled for sauce, jelly or jam. Hardy throughout the whole Northwest. **3 to 4 ft. Each, 60c; 5 for \$2.75.**

**TOM THUMB SAND CHERRY.** A bush cherry with red flesh. Grows only 3 to 5 ft. high. One of Dr. N. E. Hansen's productions. A very hardy fruit, popular well into Canada. Pleasant to eat fresh. May be set out about like gooseberries and will bear well at that rate of planting. **2 to 3 ft. Each, 60c; 5 for \$2.75.**

**CHAMPA SAND CHERRY.** Another of Dr. Hansen's varieties. Very similar to Tom Thumb, a low bush that can be planted close. The principal difference is that the fruit has green flesh instead of red. Bears a little earlier. Fine flavor. **2 to 3 ft. Each, 60c; 5 for \$2.75.**

**O.K.A.** Another Hansen fruit. A fine large cherry borne



Compass

on a tree instead of a bush. Quite variable in performance, depending on local conditions. At its best it is perhaps the finest of the type. The fruit is very large for a cherry, a rich purple in color, skin thin, flesh red, delicious flavor. Fruit hangs to tree and cures there like a dried prune. **2 to 3 ft. Each, 65c; 5 for \$3.00.**

**ST. ANTHONY.** One of the Minnesota sand cherry hybrids, supposed to contain blood of the sweet cherry also. Bush habit. Matures in August. Fruit extra good for cooking. Flesh red. Hardy but not very drouth resistant. **2 to 3 ft. Each, 60c; 5 for \$2.75.**

**NANKING CHERRY—PRUNUS TOMENTOSA (Chinese Bush Cherry).** Very useful as an ornamental or hedge shrub, outstandingly hardy in both the Great Plains and Canadian Northwest. Its fruit, bright red, is of very fine flavor for every purpose, somewhat larger than a choke cherry. Its bearing is, however, rather erratic. Blooms very early in the spring and is a handsome, compact bush at all times. **3 to 4 ft. Each, 60c; 5 for \$2.75.**

**SAND CHERRY (Prunus besseyi).** The native bush cherry of the great plains. Fruit almost the size of a sour cherry, black and often very fine flavored. Always good in jam and jelly. A low bush, may be planted 3 to 4 ft. apart and will produce a tremendous quantity of fruit. **2 to 3 ft. Each, 30c; 5 for \$1.25.**

**WESTERN CHOKECHERRY (Prunus melanocarpa).** Larger and sweeter than the eastern chokecherry. A tremendous bearer. One of our very hardiest natives, useful as an ornamental, in shelter belts and for its fruit which makes perhaps the most delicious of all jellies and syrups. It is becoming more valued and appreciated yearly. **2 to 3 ft. Each, 25c; 10, \$2.00.**



Tom Thumb



Western Chokecherry



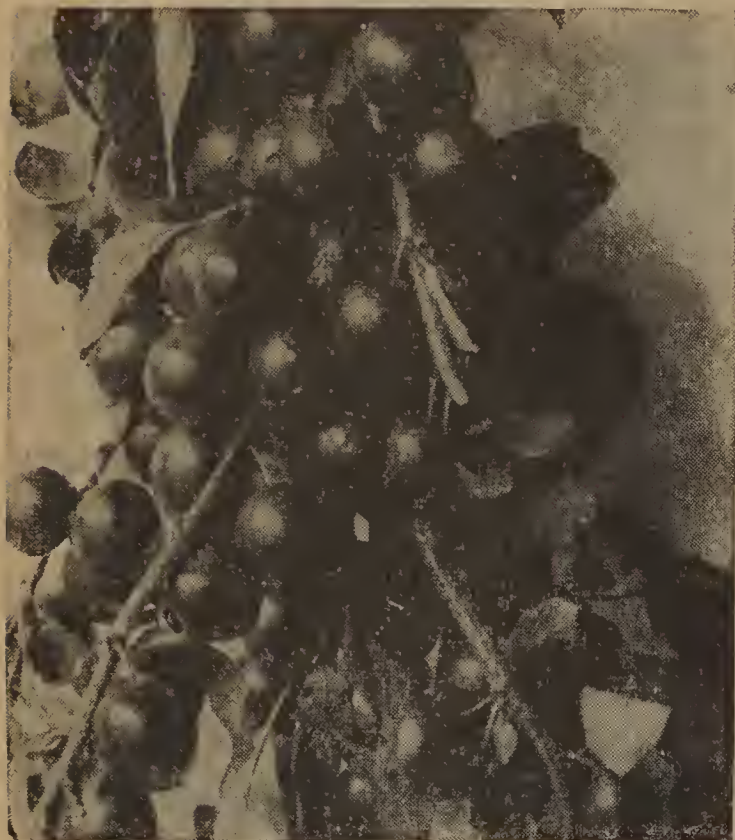
Sand Cherry



# Plums and Plum Hybrids

## Hardy, High Class Varieties for the Northwest

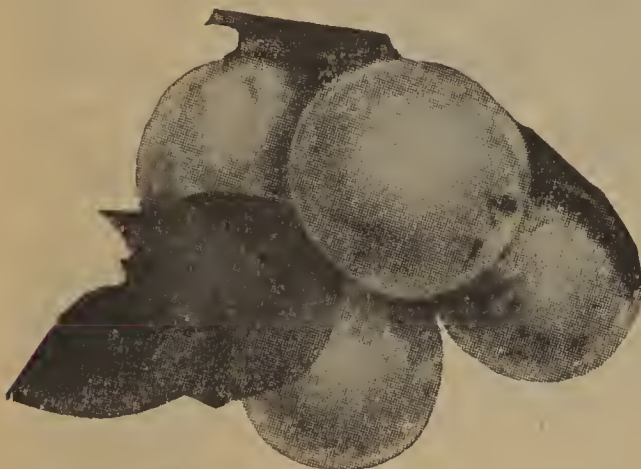
Plant Several Types Together or Plant with Cherries to Insure Pollination.



**Opata**

flavor and wonderful for canning. Ripens in early August. **Price; each, 55c; 5 for \$2.50.**

**WANETA.** Apparently the hardiest of the extra large size plums. The largest of Dr. Hansen's productions. A heavy bearer of very large, good quality fruit. Very drouth resistant. Ripens in mid-season. The best large plum for the Great Plains. **3 to 4 ft. Each, 65c; 5 for \$3.00.**



**Waneta**

**CREE.** Another Hansen plum of great hardiness, and one of the best. Has blood of the prunus nigra wild plum of the north and is very hardy and cold resistant. Fruit bright red, skin thin, flavor excellent, ripens in late August. **3 to 4 ft. Each, 70c; 5 for \$3.25.**

**UNDERWOOD.** Many of the Minnesota plums are not adapted to the Great Plains. Long trials of Underwood, however, have sufficed to prove its hardiness. In flavor it equals the Japanese plums, size is intermediate, trees strong and thrifty and bear annually. Fruit is dark red and sweet, ripens in late August, and is an excellent keeper. **3 to 4 ft. Each, 65c; 5 for \$3.00.**

**SUPERIOR.** Newest of the Minnesota Fruit Breeding Station hardy plums. It has proved hardy well into northern Minnesota. Ripens in mid-season. Fruit is larger than Underwood, bright red in color, almost free stone and of high quality. A good keeper. An important new variety. **3 to 4 ft. Each, 75c.**

**RADISSON.** Another extra hardy Minnesota plum. An early variety, fairly large, with good tree form. Fruit is a handsome red and the quality very high. **3 to 4 ft. Each, 65c; 5 for \$3.00.**

**RED WING.** This variety has stood up remarkably well in the dry area during the past few severe years. It is a very large fruited plum. Fruit is firm, sweet and of good quality. Color is yellow overlaid with red. Midseason bearer. **3 to 4 ft. Each, 65c; 5 for \$3.00.**

**KAGA.** Another Hansen plum and one of the most delicious we have ever tasted. Its unusual fine sweet flavor comes from the apricot plum blood which it contains. Not very large but tops in quality. **3 to 4 ft. Each, 70c; 5 for \$3.25.**

**WILD PLUM.** This hardy native is rapidly acquiring popularity for its value as a shelter belt tree as well as an ornamental and a producer of fruit. We offer very thrifty stock from native seed. Wonderful for sauce, jam and jelly. **3 to 4 ft. Each, 35c; 5 for \$1.50.**

**Seedlings.** We can furnish unusually thrifty seedlings for thicket and shelter belt or for orchard planting. **12 to 18 in., 50, \$1.00; 100, \$1.75; 500, \$7.50; 18 to 24 in., 50, \$1.25; 100, \$2.00; 500, \$9.00.**



**Budding Plums at our Nursery**



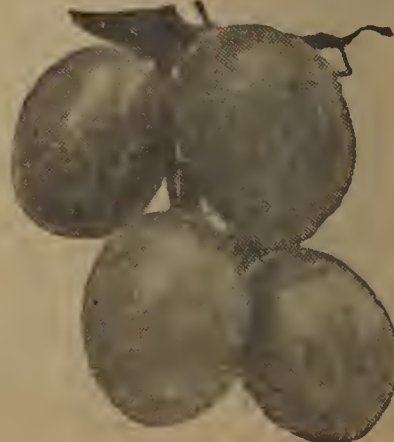
**Our Plum Seedlings**



**Kaga**



**Underwood**



**Superior**



# Insecticides—Fungicides—Rodent Bait

SPRAY EARLY—SPRAY OFTEN

Prices Subject to Change. Ask for Prices on Large Lots. All Prices F. O. B. Bismarck Unless Otherwise Stated.  
All Insecticides Are Now Mailable

## WILL'S BUGEX

### PROTECTS YOUR PLANTS.

Non-Poisonous—Safe—Effective  
—Economical

A Non-Poisonous Dusting Powder for the control of a wide range of insect pests in your garden. BUGEX Dusting Powder is a very uniform product of High Killing Power—Stabilized, thus retaining its active power longer than ordinary pyrethrum or Rotenone products. Price, F. O. B. here, 1 lb., 25c; 5 lbs., 75c; postpaid, 1 lb. can, 32c; 5 lbs., \$1.00.

## DUTOX

(Barium Fluor Silicate)  
Use as spray or dust.

A Non-Arsenical insecticide. Kills tough bugs. Controls Potato Bugs, Blister Beetles, Mexican Bean Beetle, Cucumber Beetle, Cabbage Worms, Cut Worms and many other pests. Price, postpaid, 1 lb. bag, 40c; 6 lb. bag at 30c lb. F. O. B. here, 30c lb.; 6 lbs. at 25c lb.

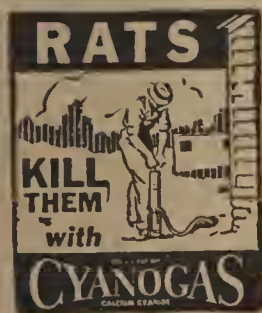
**PARIS GREEN.** Powerful—quickest acting insecticide for potato bugs. Prices, postpaid, 1 lb., 60c. F. O. B. here, 1 lb., 50c; 5 lbs. at 45c per lb. Larger lots quoted on request.

**ARSENATE OF LEAD.** Becoming popular as a potato spray. Kills a wide variety of leaf eating and certain soil insects. Postpaid, ½ lb., 25c; 1 lb., 40c. F. O. B. here, ½ lb., 18c; 1 lb., 30c; 4 lb. bag, 75c.

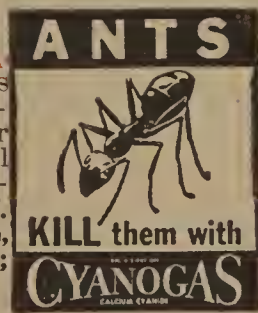
**BORDEAUX MIXTURE.** Controls scab, rust, rot, blight, mildew, leaf spot, anthracnose and other diseases of fruit and truck crops. Prices, postpaid, 1 lb., 40c. F. O. B. here, 1 lb., 30c; 4 lb. bag, 65c.

**CUT WORM AND HOPPER BAIT.** Will's Pioneer Brand. Sure death to hoppers, crickets, cut worms, snails and other soil insects. Prices, postpaid, 1 lb., 27c; 5 lbs., \$1.00. F. O. B. here, 1 lb., 20c; 5 lbs., 75c.

**LIME SULPHUR.** One of the most dependable of all insecticides for dormant spraying and the destruction of fungous parasites on woody plants and shrubs. Prices, postpaid, 1 lb., 35c; 5 lbs. at 28c per lb.



**CYANOGAS ANT KILLER.** A gas producing powder—kills all burrowing pests. F. O. B. here, ½ lb., 45c; 1 lb., 75c.



**CYANOGAS ANT KILLER.** 4-oz. spouted tin—enough to kill a million ants. F.O.B. here, 30c.

**CYANOGAS G-FUMIGANT.** For fumigating flour mills, grain warehouses and greenhouses. F.O.B. here, 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$30.00.



## GOPHER POISON

### RIDES YOUR FIELDS OF GOPHERS.

Will's Pioneer Brand Gopher Poison has made many friends in the past few years. Our Gopher Poison is made in accordance with the formula furnished by the USDA, with a liberal over-strength of poison added. The heaviest oats obtainable is used in the manufacture of this poison. 8 lb. sk., 80c; 16 lb. sk., \$1.55; 32 lb. sk., \$3.00.

Ask for prices in larger lots.

## BLACK LEAF 40 THE OLD RELIABLE

Used as an Aphis Spray, Roost paint for poultry lice and mites, Sheep dip. Keeps dogs away from your shrubs and trees. Price, postpaid, 1-oz. bottle (makes 6 gallon), 40c. F. O. B. here, 1-oz. bottle, 35c; 5-oz. bottle, \$1.00.

**DUSTING SULPHUR.** For mildew on roses and other fungus and similar diseases of plants there is nothing quite so satisfactory as sulphur dust. 1 lb. postpaid, 15c; 3-lb. package, postpaid, 35c; here, 25c.

**SODIUM FLUORIDE POWDER FOR BLISTER BEETLE.** An excellent destroyer of roaches, plant and stock lice, etc. F. O. B. here, 1 lb., 25c. Postpaid, 35c.

**FISH or WHALE OIL SOAP.** A caustic potash soap made from pure fish oil, valuable for rose bushes as a wash, and for the leaves and bark of plants or trees to kill lice and scale. Smear on trees will prevent the ascent of worms. A remedy against aphids. Postpaid, 1-lb. cake, 40c.

**CARCO.** This is the best remedy for cutworms and other underground pests. Use one pint to 75 pints of water and spray the soil before planting. Later use one pint to 125 pints of water. By express or freight, one pint, 75c. Postpaid, 90c.

**TOBACCO DUST.** An excellent remedy against all kinds of aphids or plant lice. Per lb., by express, 12c; 5 lbs., 50c. Postpaid, lb., 20c.

**CORONA TREE WOUND DRESSING.** For all cuts, breaks, bruises caused by accident or from pruning, or for injury by gnawing by rabbits or mice. Price, pt., 50c; qt., 75c. Postpaid, pt., 60c; qt., 90c.

**ATLACIDE WEED KILLER.** Kills poison ivy and all other weeds including dandelions. May be dissolved and sprayed on or dusted on. 2 lbs. treats 100 to 450 square yards. Non-poisonous. 1-lb., postpaid, 57c; 5 lbs., \$1.75; F. O. B. here, 1 lb., 50c; 5 lbs., \$1.50.

**CARBOLA.** The Disinfecting White Paint and Dusting Powder for Insects. A white paint and powerful disinfectant in powder form. Quickly mixed with water—no waiting or straining. Applied with brush or sprayer to all surfaces. 5-lb. pkg., 75c; 10 lbs., \$1.25; 50 lbs., \$5.00. This is mailable at regular postage rates.

**SMITH'S RAT-KILL—SMITH'S MOUSE-KILL.** Does not harm Human Beings or Domestic Animals. The rat kill package contains about 150 doses. Price, per pkg., postpaid, 55c. F. O. B. here, 50c.

**THE MOUSE-KILL.** Price per pkg. is postpaid, 30c; F.O.B. here, 25c.

**NEW EVERGREEN NON-POISONOUS SPRAY.** A new pyrethrum spray, a great improvement on the regular Evergreen as it contains the necessary soap spreader and oil, a perfect combination and is 20% stronger. Kills ants, all forms of aphids and plant lice. One oz. makes 4 to 6 gallons. Price, postpaid, 1 oz., 40c; here, 35c; 6 oz. pkg., \$1.10, postpaid; \$1.00 here. Larger sizes quoted on request.

## TREAT YOUR SEED—IT PAYS INCREASE YOUR YIELD

Recommended by Experiment Stations

### CORONA COPPER CARB.

A very popular preparation for treatment of seed wheat against smut. Is used dry and the seed may be treated in the Winter without any injury to it. Two ounces treats one bushel seed. Comes in 5-lb. cartons at 20c per lb.; 30 lb. case, \$5.10 here.

**NEW IMPROVED CERESAN.** For wheat, oats and barley smut control. F. O. B. Bismarck, 1 lb., 70c; 5 lbs., \$3.00.

**NEW IMPROVED SEMESAN, JR.** For Corn diseases. F. O. B. Bismarck, 4 oz., 30c; 1 lb., 75c.

**NEW IMPROVED SEMESAN BEL.** Offers greater control of seed potato diseases. F. O. B. Bismarck, 4 oz., 45c; 1 lb., \$1.50.

**SEMESAN.** Treat Garden and Flower Seeds and bulbs for better stand and disease control. Price F. O. B. Bismarck, 2 oz., 35c.

**FORMALDEHYDE.** For grain smut control and seed potato treatment. Formaldehyde is invaluable as a Disinfectant, Fungicide, Germicide and Deodorant on the farm and in the home. The one pound factory-sealed tin guarantees that the solution is full strength. Price per lb. tin 25c, here.

NORTH DAKOTA CUSTOMERS MUST ADD 2% SALES TAX ON INSECTICIDES



# Will's Pioneer Brand Better Feeds

All Prices F. O. B. Bismarck Unless Otherwise Noted—Subject to Market Change

## WILL'S MASHES ARE GAINING IN POPULARITY EVERY YEAR

Will's Pioneer Brand Turkey and Poultry Mashers embody the best possible balance according to the findings of research workers in animal nutrition. We maintain a large flock of poultry for feed experiments. Last year one of our pullets was awarded Grand Championship at the Slope Poultry Show.

The Life Cycle idea of feeding is rapidly spreading and is finding ever wider endorsement. In a recent

bulletin from the College of Agriculture at Nebraska University, entitled "ALL PURPOSE MASH," this method of feeding is described and highly endorsed. According to this bulletin, the Nebraska Experiment Substation at North Platte uses an ALL PURPOSE MASH entirely. After feeding it for five years to about 800 hens, 4000 baby chicks and 500 turkeys each year, those in charge of poultry at the substation endorse it highly.

We will be very glad to tell you more about this.

### ALL PIONEER BRAND POULTRY & TURKEY MASHES CONTAIN FORTIFIED COD LIVER OIL

#### TURKEY MANA

The Turkey Starting Mash Supreme. Analyses about 24% Protein. This ration will produce birds with exceptionally fine frame and feather development, and unsurpassed in quality of meat, both as to texture and flavor. As soon as birds are on range, use Pioneer Brand Mermash as a growing mash. You will like Pioneer Turkey Mana. 10 lbs., 45c; 25 lbs., 95c; 50 lbs., \$1.60; 100 lbs., \$3.10.



#### MERMASH

This is an ALL PURPOSE MASH, also known as Life Cycle—Year 'Round Mash. Balanced to give the best possible results as a Chick Starter, Growing Mash as well as Laying Mash when used as recommended in our instructions. 10 lbs., 40c; 25 lbs., 80c; 50 lbs., \$1.45; 100 lbs., \$2.75.

#### SUPER MERMASH

This Mash contains Buttermilk powder and analyses higher in protein than Mermash. A Superior Starting and Broiler ration; also to be used as a Laying Mash for Breeding Stock. 10 lbs., 45c; 25 lbs., 90c; 50 lbs., \$1.55; 100 lbs., \$3.00.

**PIONEER GRANULAR CHICK GRAIN.** A sifted, high quality granular grain feed to be used as a balance in conjunction with Mermash during growing period. 10 lbs., 40c; 25 lbs., 80c; 50 lbs., \$1.45; 100 lbs., \$2.75.

**PIONEER HEN SCRATCH.** A balanced grain mixture of our own preparation for mature birds. Has given uniformly excellent results. 10 lbs., 30c; 25 lbs., 70c; 50 lbs., \$1.10; 100 lbs., \$2.00.

**PIONEER BRAND FOWL FATTENER.** This is a fattening mash so compounded as to stimulate the putting on of flesh when fattening for market. Please remember that all our feed is compounded from experiment station formulas. 25 lbs., 75c; 50 lbs., \$1.40; 100 lbs., \$2.50.

**PEARL LIMESTONE GRIT or SHELLMAKER.** The dual purpose grit, hard enough to furnish the necessary grinding material for chickens, and soluble enough to furnish the much needed lime for bone and shell building. No other grit need be used with this. F. O. B. Bismarck: 25 lbs., 50c; 100 lbs., \$1.20.

#### PILOT BRAND CRUSHED OYSTER SHELLS.

We have a good supply this year. F. O. B. Bismarck; 10 lbs., 20c; 100 lbs., \$1.10.

**MICA CRYSTAL GRITS.** By express or freight, 100 lbs., \$2.00.

**CHARCOAL.** To keep fowls in a healthy state, a regulator of some kind must be fed. Nothing takes the place of charcoal. 10 lbs., 60c; 50-lb. sack, \$1.50.

**STEAMED BONE MEAL.** A product of exceptionally concentrated quality making a perfect mineral food for all live stock. Primarily a phosphorus source. F. O. B. Bismarck: 10 lbs., 35c; 25 lbs., 75c; 50 lbs., \$1.40; 100 lbs., \$2.50.

**PIONEER CALF MANA.** Raise your calves without milk. This compound, composed of balanced ingredients, is a perfect milk substitute. Has been used for years and always with the best success. Comes in all size sacks, full directions accompanying every sack. Try it and you will always use it. 25-lb. sack, \$1.25; 100 lbs., \$4.50.

**MANAMAR.** A 41.5% Protein concentrate with Kelp, Fish Meal, etc., containing all minerals in organic form. We use it in our poultry mashes. A good ingredient in feed for milk cows, brood sows, and in fact any live stock and poultry. A great food and conditioner. The Kelp contains organic IODINE in just the right proportion for correction of Iodine deficiency in feed grown on prairies. 5 lbs., 35c; 10 lbs., 65c; 25 lbs., \$1.45; 50 lbs., \$2.80; 100 lbs., \$5.50.

**MEAT AND BONE SCRAPS.** These are of first quality, cooked and without offensive odor. 25 lbs., 90c; 100 lbs., \$3.50.

**POWDERED SKIM MILK AND BUTTERMILK.** Useful in all kinds of feed mixtures. Highest quality of both. Price, 5 lbs., 40c; 10 lbs., 75c; 25 lbs., \$1.60; 100 lbs., \$6.00.

**MINERAL MIX.** F. O. B. Bismarck: 25 lbs., \$1.00; 100 lbs., \$3.00.

**ROLLED OATS.** For poultry and stock food and of use in compounding mixtures. 90-lb. sack, \$3.25.

**ALFALFA MEAL.** By express or freight, 10 lbs., 40c; 25 lbs., 90c; 100 lbs., \$2.50.

**LINSEED OIL MEAL.** 10 lbs., 35c; 100 lbs., \$2.50.

**COTTONSEED MEAL.** 10 lbs., 35c; 100 lbs., \$2.50.

**COTTONSEED CAKE.** 10 lbs., 35c; 100 lbs., \$2.50.

quart and gallon sizes. Price, F. O. B. Bismarck, 1 qt., 50c; gal., \$1.75. Postpaid, 1 qt., 75c.

**SUNFLOWER, HEMP AND CANARY.** For poultry, parrots and song birds. F. O. B. Bismarck, lb., 15c; 10 lbs., \$1.25.

**CHANGE in Feed Prices.** If you will ask us to, we shall put your name on our regular feed mailing list. You will be under no obligation but will receive the changes in the feed market as they occur. Just drop us a line saying you want to receive the feed price changes.



# Fertilizers for All Purposes

Fertilizers are beginning to interest us in the Northwest and their increased use is inevitable. Experiments during the past few years have shown that **phosphorus is the most needed element** in most prairie soils.

No fertilizer can do much good without moisture, and conversely irrigated land responds to the limit if fertilizer is applied. Hence any irrigator should familiarize himself with fertilizing practice. Much of the needed nitragin can be most cheaply derived from manure and legumes.

The three necessary elements in plant growth which are not always present in the soil are nitrogen, which stimulates luxurious growth; phosphorus, which has a tendency to force bearing and hasten maturity, and potash which stimulates growth, delays maturity of grains and grasses but hastens maturity in root crops. We offer these three elements separately below, nitrogen in the form of nitrate of soda and ammonia sulphate, phosphorus in the form of bone meal and superphosphate, potash in the form of muriate of potash. Good combinations for general use are 400 lbs. superphosphate and 200 lbs. each of nitrate of soda and muriate of potash per acre or 8 per cent phosphate, 5 per cent nitrogen and 7 per cent potash.

For gardens, yards, lawns and small intensively cultivated areas the ready prepared fertilizers such as **Vigoro** are the most economical and convenient to use and the best adapted.

**PULVERIZED SHEEP MANURE.** This is by far the most concentrated of the cheaper fertilizers and is adapted especially for garden and lawn use, and for use in a larger way where the land is being used intensively. Sheep manure is an excellent fertilizer for worn-out soils. Use from 5 to 10 lbs. per 100 square feet. **Price, 10 lbs., 40c; 25 lbs., 50c; 50 lbs., 70c; 100 lbs., \$1.00; 500 lbs., \$4.75; 1000 lbs., \$9.50; ton, \$18.00.**

**SUPERPHOSPHATE.** Phosphorus is said to be the element the most likely to be lacking in the prairie soils of the Northwest, and is not supplied in any form by applying vegetable matter by turning under or otherwise. Has given some startling results in experiments made in the Dakotas. Use one to two hundred pounds per acre. It may be broadcasted on. **Price, 46% formula, 10 lbs., 50c; 50 lbs., \$2.20; 100 lbs., \$4.00. Write for quantity prices.**

**NITRATE OF SODA.** The great growth stimulator, the best chemical agent in supplying the much needed nitrogen to deficient soils. Has a wonderful effect on lawn, garden or flowers. **F. O. B.**

**Bismarck, 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$2.00; 100 lbs., \$6.00.**

**MURIATE OF POTASH.** Promotes growth, delays development and causes longer growing in grains, grasses, flowers, but stimulates both growth and maturity of root crops such as beets, carrots, etc. **F. O. B. Bismarck, 5 lbs., 60c; 10 lbs., \$1.00; 25 lbs., \$2.00; 100 lbs., \$7.00.**

**AMMONIA SULPHATE.** The Lawn Fertilizer. Also valuable for the garden or flower bed. A highly concentrated nitrogen fertilizer which acts very quickly. Use it on the lawn in the Spring at the rate of 3 lbs. per 1,000 square feet. Valuable also for trees and shrubbery. **Price, 10-lb. bag, 75c; 100 lbs., \$5.75, F. O. B. Bismarck.**

**BONE MEAL.** (The great phosphorus supplier). For fall application. Causes fruiting and blooming in reluctant plants, flowers, shrubs and trees; hastens maturity so promotes earliness when applied in the Spring. Especially useful to stimulate bloom in peonies. **Lb., 25c, postpaid. By express or freight, 10 lbs., 50c; 100 lbs., \$4.00.**

## VIGORO—The Complete Plant Food

For lawn, flowers, small fruits and the vegetable garden **Vigoro** is the ideal fertilizer. Apply it to the lawn in early spring and watch the grass turn green and grow luxuriously. It improves both the quality and quantity of all kinds of flowers, both annual and perennial and will add greatly to the quality and the production of your vegetables, small fruits and ornamental shrubs.

Vigoro contains all the 11 elements needed for proper plant nourishment.

Use 4 lbs. to 100 Sq. Ft.—Prices F. O. B. Here

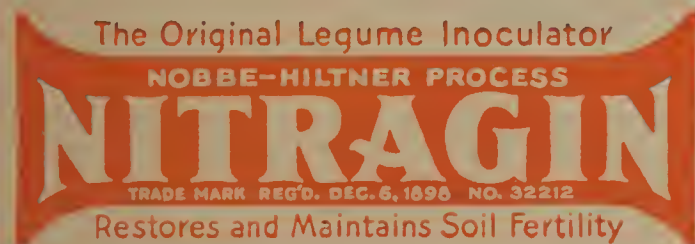
1 lb. pkg.....10c	10 lb. pkg....\$0.85	50 lb. bag..\$2.50
5 lb. pkg.....45c	25 lb. bag... 1.50	100 lb. bag.. 4.00

Postpaid, 1 lb. pkg., 18c

## Feed Everything You Grow

with this complete,  
balanced diet

**VIGORO**  
Complete plant food



PEANUTS, SOYBEANS, COW PEAS, LIMA BEANS

1 bu. ea. ....	\$0.30
2 bu. ea. ....	.50
5 bu. ea. ....	1.00
10 bu. ea. ....	1.60
*25 bu. ea. ....	3.00

\*25 bu. size packed only for Soybeans, Cow Peas, Peanuts.

NITRAGIN GARDEN SIZE for Garden Peas, Beans, Sweet Peas, Lima Beans and Lupines. Enough for 4 lbs. seed. Retail price 10c each.

ALFALFA, all CLOVERS

Size	Retail
½ bu. ea. ....	\$0.30
1 bu. ea. ....	.50
2½ bu. ea. ....	1.00

VETCH, AUSTRIAN PEAS, CANADIAN PEAS, BEANS

½ bu. ea. ....	\$0.25
1 bu. ea. ....	.40
*1½ bu. ea. ....	.60

## INOCULATE for Better Crops of Legumes INOCULATOR PRICES

When Ordering, Always Specify Name of Seed

5 bu. ea. ....	\$1.70
*12½ bu. ea. ....	4.00
*“100 lb.” and 12½ bu. size, packed only for Vetch & Peas.	

LESPEDeza

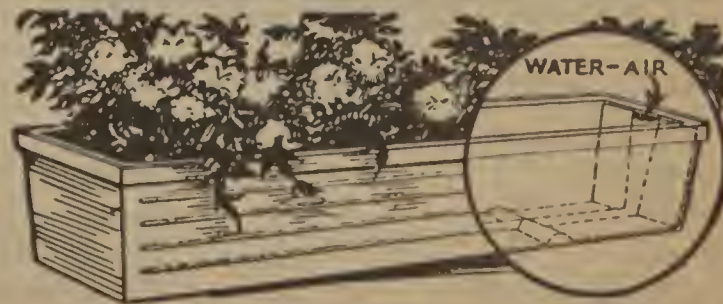
Size	Retail
1 bu. ea. ....	\$0.30
2 bu. ea. ....	.50
5 bu. ea. ....	1.00

## Premax Floating Head Lawn Sprinkler

This is the easiest running revolving sprinkler that we have ever seen. After two years' trial of it we are ready to recommend it for the service it gives, its simplicity and the volume of water that it throws. **Price, \$2.00; postpaid, \$2.20.**

## Perfecto Window Box

Comes in green and old ivory. Built on scientific principles and to sell at a very reasonable price. Rust proof, light in weight, self-irrigating. **Price F. O. B. Bismarck, 20 inch size, \$1.00; 26 inch, \$1.50; 32 inch, \$2.00.**





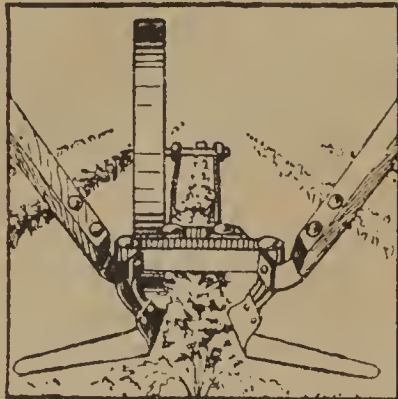
# SEEDERS AND CULTIVATORS

## Hudson Combination Seeder and Cultivator No. 201

We are again offering this fine machine which we can thoroughly recommend. It combines a high grade drill and seeder with both two- and one-wheel cultivators and sells at a very reasonable price for so excellent a machine. The illustration will give an idea of the equipment, which is very complete. Price, boxed, handles furnished, F. O. B. Bismarek, \$16.50. Shipping wt., 56 lbs.

## Hudson Seeder No. 205

Designed for the market gardener who does a great deal of seeding, and must always have a seeder set up ready for use. Can be made into a cultivator by adding the cultivating equipment as the steel frame and arch are standard. Will sow all seeds from beans down to the very finest garden variety, either in continuous drills, or in hills spaced from 4 to 24 in. apart. Price complete, boxed, F. O. B. here, \$13.00. Shipping weight, 44 lbs.



No. 229

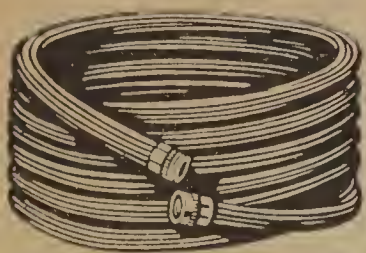
## Hudson No. 102 Single Wheel Cultivator and Pulverizer

This is one of the handiest little machines for the garden that we have ever seen. Can be used in any rows between twelve and six inches apart; consists of a weed cutting blade in front followed by five stirring and pulverizing teeth. Easy running, strong and sturdy. Shipping weight, 12 pounds. F. O. B. Bismarek, \$5.00.

## Hudson No. 446 High Wheel

This is a first class cultivator of the easy running, high wheel type. Price, complete, F. O. B. Bismarek, \$3.00.

G-245—5 Prong Cultivator Attachment for all seeders and cultivators. F. O. B. Bismarek, \$1.00.



## LAWN AND GARDEN HOSE

at Lowest Prices  
All Hose Quoted Is 3/8 In.  
OUR BEST HOSE

This is the very best hose and is almost indestructible by ordinary use. Lasts several times longer than ordinary hose. Price, cut to any length, with couplings, 16c per foot, F. O. B. Bismarek.

### NON-KINKING

Non-kinkable. This is the very best quality and lasts indefinitely. In 50-ft. length or cut to any length desired. Per foot, 13c.

### ECONOMY ALL RUBBER

A good inexpensive hose for light usage. In 50 foot length. Price, per foot, 7c.

## PRUNING SHEARS

Regulation sturdy pruning shears, easily tightened, with high grade steel blade. Each, \$1.50; postpaid, \$1.60.

## JUSTRITE NOZZLE



A well made, adjustable brass nozzle with washer attached. Adjusts for fine or coarse spray and solid stream. Each, 65c; postpaid, 75c.

**HOSE COUPLINGS.** Easily inserted. Price per set, postpaid, 20c.

**HOSE MENDERS.** Conveniently and quickly inserted and clamped with a hammer. Postpaid, each, 20c.

**HOT KAPS.** The newest thing in plant protection against frost and cold. Stimulates growth in cool weather. Package of 25, 50c; postpaid, 55c.



Seeder and Cultivator No. 201

## HUDSON SINGLE WHEEL HOE NO. 229

The ideal small garden cultivator. Equipped with two 8 in. hoes, 4 cultivator teeth, adjustable wheel, see cut. F. O. B. Bismarek, \$5.00 boxed; shipping weight, 32 lbs.

## HUDSON DOUBLE WHEEL HOE NO. 214

A splendid two wheel machine equipped with two 8 in. steel hoes. Wheels 16 in. high. F. O. B. Bismarek, \$6.50 boxed; shipping weight, 32 lbs.



## CLIPPER CLEANERS

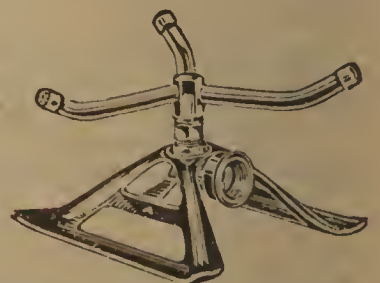
The best in fanning mills. We can supply in 2 sizes—No. 1-B, screens 22 1/4 in. x 19 in., No. 2-B, screens 22 1/4 in. x 25 in. Average capacity 20 bu. for No. 1-B. Price, No. 1-B, \$37.00; No. 2-B, \$43.00, both F. O. B. here.

## HOILAND WILD OAT SEPARATORS

The only machine that will take wild oats out of oats. Consists of a flannel lined drum over which the seed is run. Price, F. O. B. Bismarek or Fargo; small, \$35.00; large, \$50.00.

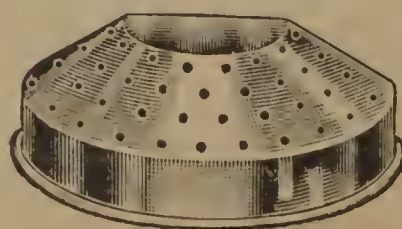
## DOLLAR REVOLVING SPRINKLER

A durable sprinkler with a wide, even distribution of water in a fine spray. Each, \$1.00; postpaid, \$1.10.



## VICTOR HALF CIRCLE SPRINKLER

Designed for the small lawn or the edges of drives and sidewalks. The spray is all thrown to one side. Each, 50c; postpaid, 55c.





# Sprayers—Dusters—Seeders—Poultry Supplies



## SPECIAL COMBINATION OFFER

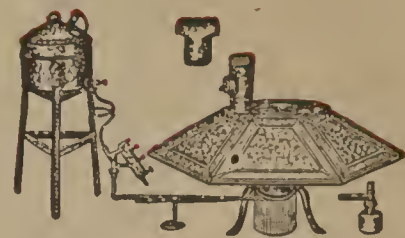
1 lb. Will's BUGEX

(See Page 75)

1 CORPORAL DUST GUN

A powerful little duster for the home garden.

BOTH  
POSTPAID ..... **45c**



WITH A HUDSON BROODER YOUR CHICKS ARE SAFE — SO IS YOUR INVESTMENT.

## Prices on Repairs and Large Sprayers on Request

**ONE QUART GLASS JAR SPRAYER.** This is a substantially built and very satisfactory small machine. Price, F. O. B. Bismarek, 65c.

**No. 115 STERLING.** This is a well built machine with a capacity of 3½ gallons. Not quite as strongly built as the No. 210 but better than most of the ordinary articles on the market. Price, F. O. B. Bismarek, \$5.50.

**No. 210 PERFECTION.** This is an exceedingly well built knapsack sprayer with a capacity of four gallons. Reinforced galvanized tank. Price, \$6.50, F. O. B. Bismarek. With brass tank, price, \$9.75.

**No. 192 LEADER.** A 3¼ gallon sprayer, with funnel top for ease in filling. A useful all purpose sprayer of fine construction. Price, F. O. B. Bismarek, \$3.35.

**HANDY.** A small metal tank, quart size sprayer. Well made and tested. Price, each, 30c; postpaid, 40c.

**CONTINUOUS.** A small continuous sprayer for the home and small garden. Handles fly oils, insecticides, etc. Capacity 1 qt. Price, 75c; postpaid, 85c.

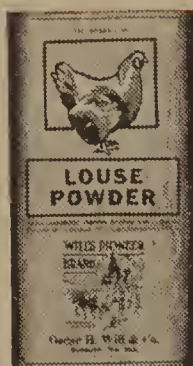
**JUNIOR.** A smaller knapsack type; capacity 2½ gallons; built as sturdily in every way. Price, \$4.90, F. O. B. Bismarek. With brass tank, \$7.25.

**No. 665 MAJOR DUST GUN.** A low-priced mechanical dust distributor that gives good satisfaction. Built somewhat along the lines of the smaller sprayers. Price, F. O. B. Bismarek, \$1.00; postpaid, \$1.25.

**ACME POTATO PLANTER.** All steel with basket tube to drop into. Price, \$2.75 each, F. O. B. Bismarek.

**ACME HAND CORN PLANTER.** Plants one to five kernels per hill as desired. Price, \$2.25, F. O. B. Bismarek.

## A REAL VALUE



1 lb. Will's Pioneer  
LOUSE POWDER

A very efficient product of our own preparation. For Poultry and Live stock.

Pioneer  
Louse  
Powder

1 CORPORAL DUST  
GUN.

Both Postpaid..... **45c**

**No. 134 KLEENEAZY BROODER.** Capacity 300 to 600 chicks. Burns kerosene or distillate. Safe. Dependable. Economical. 34 in. canopy. Oil tank stack included. Price, F. O. B. Bismarek, \$14.75.

**No. 436 FEEDER.** 36 in. long, 4 blade reel. Rigid end stands, adjustable. Price, 65c; postpaid, 75c.

**B 25 DRINKING FOUNT.** For use with glass jar, pt., qt., or 2 quart. Postpaid, 20c; F. O. B. here, 15c; 3 for 35c.

**No. 221 CHICK FEEDER.** 24 inches long. With 4 blade reel, no danger to chick toes. Each, 25c; postpaid, 30c.

**No. 101 CHICK FEEDER.** 10 inches long. 2 sided reel. Each, 10c; postpaid, 15c.

**CHAMPION LEG BAND.** Aluminum. Numbered from 1 to 100. Price, sets of 25, 20c; sets of 100, 85c, postpaid.

**KEYRING LEG BANDS.** Different colors. Doz., 20c; 100, 80c, postpaid.

**POULTRY PEAT MOSS.** In response to frequent demand we are listing this excellent poultry litter. Price F. O. B. Bismarek, \$3.50 per bale.

**No. 39 POULTRY PUNCH.** Scissors type, works easily, cuts clean without bruising. One of the most satisfactory ways to mark your poultry, ten to fifteen markings using both feet are possible. Each, 55c, postpaid.

**BLACK LEAF 10.** Spray on roosts and destroy lice. Oz. bottle, 35c; 5 oz., \$1.00. F. O. B. Bismarek.

**WILL'S PIONEER LOUSE POWDER.** F. O. B. here, 25c. Postpaid, 35c.

**ACME POULTRY DELOUSER.** Paint it on the perches and it is effective for poultry lice, holding its effectiveness for several days. A 2 oz. tube is enough for 50 ft. of perches. Price, 2 oz. tube, 35c; postpaid, 40c; 5 oz. tube, 85c; postpaid, 95c.

**B-K ANTISEPTIC, DISINFECTANT, STERILIZER AND DEODORIZER.** Use in treating drinking water for poultry, to disinfect houses, cure colds in poultry, etc. Price, powder, 9½ oz., 75c; 1¾ lbs., \$1.50.

For Carbola disinfecting paint see page 75. Also for Sodium Fluoride powder for stock lice and roaches.

## LANG'S HAND WEEDER

HANDIEST  
TOOL

ON EARTH.

The ideal tool for the flower bed or small garden. A necessity to every gardener. Price, postpaid, 25c each; \$2.50 per doz.

## "NEPONSET" WATERPROOF PAPER FLOWER-POTS.

Just the thing for starting bedding and vegetable plants, etc. They make a fine cut worm guard as the paper is creosoted. Postpaid, 3-inch size, 25c per doz.; \$1.00 per 100; F. O. B. here, 1000, \$8.00.

## HARRIS READY-TO-USE LOCKED PLANT BANDS AND POTS.

The only really Ready-to-use bands on the market. No locks to put together, no tacks to drive, no folding of corners. They come already folded and set up. 2x2x2½ inches, package of 250, \$1.25, postpaid. Bands, 3x3x3 inches, package of 250, \$1.50, postpaid. Pots, 3x3x3 inches. Package of 250, \$1.75, postpaid.



To broadcast Grain, Grass and Clover Seed. Also to Seed Onions and Rutabaga. Full instructions and directions on every machine. Price, postpaid each, \$2.50; F. O. B. Bismarek, \$2.30.



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